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DESCRIPTORS \*Abstracts; \*Educational Research; Indexes (Locaters); \*Instructional Materials; \*Literature Guides; Technical Education; \*Vocational Education

## ABSTRACT

The publication is presented with the purpose of providing educators easy access to current materials relevant to vocational-technical instruction and research. In the abstract section instructional materials (95 items) are followed by research materials (105 items) with the subject and author indexes providing access to both categories. The subject index descriptors are those listed in the "Thesaurus of ERIC Descriptors." The Projects in Progress section contains a title by State index and a directory of curriculum coordination centers. A title by State index provides access to 76 research projects in progress funded by the Vocational Education Amendments of 1968 (Public Law 90-676), Parts C, D, and E. A State directory of research coordinating units is provided. VT numbers included are VT 102 201 to 102 400. It is noted that many of the documents announced in AIM/ARM will be available in microfiche and/or hard copy through the ERIC Document Reproduction Service. A cross reference list will be supplied in a future issue of AIM/ARM. (SA)

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ED116051

ABSTRACTS OF INSTRUCTIONAL AND RESEARCH MATERIALS  
IN VOCATIONAL AND TECHNICAL EDUCATION

VOLUME 8, NUMBER 6

U.S. DEPARTMENT OF HEALTH,  
EDUCATION & WELFARE  
NATIONAL INSTITUTE OF  
EDUCATION

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VT 102 201 - 102 400

THE CENTER FOR VOCATIONAL EDUCATION  
THE OHIO STATE UNIVERSITY  
1960 KENNY ROAD, COLUMBUS, OHIO 43210

1975

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CE 006 044

## PREFACE

Finding and using relevant information frequently is a major task for researchers, curriculum specialists, teachers, administrators, and students. The Center for Vocational Education is dedicated to making useful and vital information accessible so that educators may use it to improve school practice.

The Center assembles information relevant to the field of vocational-technical education. Through abstracts designed to present useful information about materials, the Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) publication provides educators quick access to in-use or under-development instructional and research materials. The full text of these materials is available on microfiche or from the original source.

We are indebted to our colleagues within the profession for providing instructional and research materials as they become available. We especially appreciate the contributions of state research coordinating units, curriculum coordination centers, instructional materials laboratories, local school systems, and professional associations such as the Vocational Instructional Materials (VIM) section of the American Vocational Association. Members of the profession are encouraged to send instructional and research materials for possible inclusion in future issues of AIM/ARM.

We hope that this publication will prove valuable to you in your particular educational endeavors.

Robert E. Taylor  
Director  
The Center for Vocational  
Education

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# SAMPLE ABSTRACT

Accession number sequentially assigned to documents as they are processed.

Author(s).

VT 100 000

RICHARDS, F.L.

Microfiche (MF) and/or hard copy (HC) of the full text of the document will be available. The issue in which ordering numbers will be given is indicated. Documents not available in MF or HC are available from alternate sources cited.

OUTLINES OF COURSES IN ORNAMENTAL HORTICULTURE.

Title.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK.  
DEPT. OF AGRICULTURAL EDUCATION.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
DIV. OF ADULT, AND VOCATIONAL RESEARCH.

Organization where document originated.

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Contract (OEC) or grant (OEG) number.

Date published and number of pages.

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Alternate source for obtaining documents.

Descriptors--subject terms characterizing substantive contents. Major terms preceded by asterisk.

DESCRIPTORS - \*AGRICULTURAL EDUCATION;  
\*CURRICULUM GUIDES; \*ORNAMENTAL HORTICULTURE;  
HIGH SCHOOLS; \*POST SECONDARY EDUCATION;  
LANDSCAPING; NURSERIES (HORTICULTURE); TURF  
MANAGEMENT; \*TECHNICAL EDUCATION  
IDENTIFIERS - \*PENNSYLVANIA

Identifiers--terms not found in the Thesaurus of ERIC Descriptors.

ABSTRACT - INTENDED TO SUGGEST SUBJECT MATTER CONTENT OF COURSES OR PROGRAMS IN ORNAMENTAL HORTICULTURE FOR HIGH SCHOOL AND POSTSECONDARY VOCATIONAL-TECHNICAL PROGRAMS, THIS CURRICULUM GUIDE WAS PREPARED BY STAFF MEMBERS OF THE AGRICULTURAL EDUCATION DEPARTMENT AT THE PENNSYLVANIA STATE UNIVERSITY, AND TESTED IN A WORKSHOP WITH VOCATIONAL AGRICULTURE TEACHERS. CONTENTS ARE: (1) OUTLINES OF COURSES IN ORNAMENTAL HORTICULTURE, (2) ORNAMENTAL HORTICULTURE PROGRAMS FOR GRADES 10, 11, AND 12, (3) NURSERY PRODUCTION . . . THE CONTENT IS PRESENTED IN OUTLINE FORM UNDER EACH TOPIC, AND IS APPLICABLE TO THE UNITED STATES AND LOWER CANADA. (GB)

Informative condensation of document content.

Abstractor's initials.

## HOW TO USE AIM/ARM

This volume of Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) has four major sections: Abstracts (Instructional and Research Materials), Subject Index, Author Index, and Projects in Progress.

• Abstracts (Instructional and Research Materials) present information about documents' authors, titles, availability, and content to help you decide if you want to read the full text of a document. A sample abstract on the opposite page identifies the various pieces of information presented in an abstract.

• Subject Index helps you locate, by subject descriptors conforming to those listed in the Thesaurus of ERIC Descriptors, abstracts of documents relevant to your information needs.

• Author Index helps you locate, by author/institution names, abstracts of documents relevant to your information needs.

• Projects in Progress announces in-progress research and curriculum development projects funded by the Vocational Education Amendments of 1968 (Public Law 90-576), Parts C, D, and I. These are indexed by state. The Curriculum subsection of Projects in Progress also includes a directory of curriculum coordination centers and the Research subsection provides a directory of state research coordinating units. Projects in Progress helps you keep aware of ongoing activities in vocational and technical education curriculum development and research.

Copies of full texts of most of the documents announced in AIM/ARM are available in microfiche and/or hard copy forms. Those documents not listed as being available - "DOCUMENT NOT AVAILABLE IN MF OR HC" - may be obtained from the listed alternate source.

To locate documents of interest to you:

- Scan the Abstracts, or
- Search the Subject Index for descriptors (subject terms) describing your interest, or
- Search the Author Index for personal and institutional (corporate) authors' names who might publish documents about your interest.

To learn about in-progress curriculum and research projects:

- Scan the abstracts, or
- Scan the title by state indexes.

## HOW TO SUBMIT MATERIALS TO AIM/ARM

If you have materials (curriculum documents, research reports, curriculum guides, etc.) which you would like to have considered for announcement in AIM/ARM, please send three (3) clear, legible copies to:

AIM/ARM

The Center for Vocational Education  
1960 Kenny Road  
Columbus, Ohio 43210

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## ABSTRACTS

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#### INSTRUCTIONAL MATERIALS

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#### RESEARCH MATERIALS

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**VT 102 201**  
**CAREER EDUCATION. GRADE 6.**

SYRACUSE CITY SCHOOL DISTRICT, N.Y.  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 9, NO. 3.  
 PUB DATE - ND 25P.;  
 RELATED DOCUMENTS VT 102 201  
 THROUGH VT 102 204 IN THIS ISSUE.

DESCRIPTORS - \*GRADE 6;  
 \*OCCUPATIONAL INFORMATION;  
 PRETESTING; POST TESTING;  
 WORKSHEETS; \*CAREER EDUCATION;  
 \*LABOR; JOB APPLICATION;  
 \*EMPLOYMENT

ABSTRACT - PART OF THE SYRACUSE  
 (NEW YORK) CITY SCHOOL DISTRICT'S  
 GUIDED OCCUPATIONAL ORIENTATION  
 PROGRAM, THIS STUDENT WORKBOOK  
 CONSISTS OF INFORMATION AND  
 QUESTION SHEETS SUITABLE FOR GRADE  
 6 CAREER EDUCATION STUDIES ON  
 TOPICS IN THE LABOR FIELD,  
 INCLUDING LABOR LAWS, WAGES, AND  
 UNIONS; JOB APPLICATIONS AND  
 INTERVIEWS; ON-THE-JOB TRAINING AND  
 SOCIAL SECURITY. (MF)

**VT 102 202**  
**CAREER EDUCATION. GRADE 6.**  
**TEACHER'S MANUAL. PRE-POST TEST**  
**ANSWER KEY.**

SYRACUSE CITY SCHOOL DISTRICT, N.Y.  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 9, NO. 3.  
 PUB DATE - ND 61P.;  
 RELATED DOCUMENTS VT 102 201  
 THROUGH VT 102 204 IN THIS ISSUE.

DESCRIPTORS - \*GRADE 6;  
 \*OCCUPATIONAL INFORMATION; \*CAREER  
 EDUCATION; \*TEACHING GUIDES;  
 OCCUPATIONAL CLUSTERS; PROGRAM  
 PLANNING; PRETESTING; POST TESTING;  
 \*ANSWER KEYS

ABSTRACT - PART OF THE SYRACUSE  
 (NEW YORK) CITY SCHOOL DISTRICT'S  
 GUIDED OCCUPATIONAL ORIENTATION  
 PROGRAM, THIS ACCESSION CONSISTS OF  
 A TEACHER'S MANUAL AND A PRE-POST  
 TEST ANSWER KEY. THE TEACHER'S  
 MANUAL CONTAINS FORMS, DATA, AND  
 PROCEDURES FOR THE TEACHER'S USE IN  
 INSTRUCTING GRADE 6 PUPILS IN

INDIVIDUALIZED CAREER STUDIES IN  
 VARIOUS OCCUPATIONS. EACH  
 OCCUPATIONAL CLUSTER PRESENTED  
 INCLUDES A TEACHING GUIDE AND  
 SUGGESTIONS FOR TEACHING AND  
 IMPLEMENTING THE MATERIAL. THE  
 ANSWER KEY CONTAINS THE CORRECT  
 FILL-INS FOR THE VARIOUS  
 OCCUPATIONAL PRE-POST TESTS. (MF)

**VT 102 203**  
**TV AND RADIO CAREERS.**

SYRACUSE CITY SCHOOL DISTRICT, N.Y.  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 9, NO. 3.  
 PUB DATE - ND 105P.;  
 RELATED DOCUMENTS VT 102 201  
 THROUGH VT 102 204 IN THIS ISSUE.

DESCRIPTORS - \*GRADE 6;  
 \*OCCUPATIONAL INFORMATION;  
 \*TELEVISION; \*RADIO; \*CAREER  
 EDUCATION; PRETESTING; POST  
 TESTING; WORKSHEETS

ABSTRACT - PRETESTS AND POST TESTS  
 ON CAREERS IN TELEVISION AND RADIO  
 ARE PRESENTED AS PART OF THE  
 SYRACUSE (NEW YORK) CITY SCHOOL  
 DISTRICT'S GUIDED OCCUPATIONAL  
 ORIENTATION PROGRAM. THREE BOOKLETS  
 ARE INCLUDED FOR GRADE 6  
 INSTRUCTIONAL LEVELS: A BLUE  
 BOOKLET FOR BELOW GRADE LEVEL  
 PUPILS, YELLOW FOR AVERAGE, AND  
 PINK FOR ABOVE GRADE LEVEL. ALL  
 THREE LEVELS CONTAIN LEARNING  
 ACTIVITIES TAILORED FOR THE LEARNER  
 AT EACH LEVEL. LEARNING ACTIVITY  
 TOPICS INCLUDE NATURE OF WORK,  
 REQUIREMENTS, CONDITIONS OF WORK,  
 AND ADVANTAGES (FOR THE JOB). (MF)

**VT 102 204**  
**BEAUTY CARE AND COSMETOLOGY.**

SYRACUSE CITY SCHOOL DISTRICT, N.Y.  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 9, NO. 3.  
 PUB DATE - ND 70P.;  
 RELATED DOCUMENTS VT 102 201  
 THROUGH VT 102 204 IN THIS ISSUE.

DESCRIPTORS - \*GRADE 6;  
 \*OCCUPATIONAL INFORMATION;  
 \*COSMETOLOGY; \*CAREER EDUCATION;  
 PRETESTING; POST TESTING;

## WORKSHEETS

ABSTRACT - PRETESTS AND POST TESTS ON CAREERS IN BEAUTY CARE AND COSMETOLOGY ARE PRESENTED AS PART OF THE SYRACUSE (NEW YORK) CITY SCHOOL DISTRICT'S GUIDED OCCUPATIONAL ORIENTATION PROGRAM. THREE BOOKLETS ARE INCLUDED FOR GRADE 6 INSTRUCTIONAL LEVELS: A BLUE BOOKLET FOR BELOW GRADE LEVEL PUPILS, YELLOW FOR AVERAGE, AND PINK FOR ABOVE AVERAGE LEVEL. ALL THREE LEVELS CONTAIN LEARNING ACTIVITIES TAILORED FOR THE LEARNER AT EACH LEVEL. LEARNING ACTIVITY TOPICS INCLUDE NATURE OF WORK, REQUIREMENTS, CONDITIONS OF WORK, AND ADVANTAGES (FOR THE JOB). (MF)

## VT 102 205

STAHL, MARTIN; AND OTHERS  
CAREERS: UNITS OF STUDY, HIGH SCHOOL.

SOUTH-WESTERN CITY SCHOOL DISTRICT,  
GROVE CITY, OHIO.

BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C.

MF AND HC AVAILABILITY WILL BE  
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DEC-0-73-6370

PUB DATE - 73 59p.

DESCRIPTORS - \*CAREER EDUCATION;  
\*CURRICULUM GUIDES; \*COGNITIVE  
DEVELOPMENT; \*HIGH SCHOOL STUDENTS;  
GRADE 9; GRADE 10; \*LEARNING  
ACTIVITIES; SECONDARY SCHOOL  
TEACHERS; LANGUAGE ARTS;  
MATHEMATICS; SOCIAL STUDIES UNITS;  
SCIENCE UNITS

ABSTRACT - THIS CURRICULUM GUIDE  
CONTAINS UNITS OF STUDY ABOUT  
CAREERS APPROPRIATE FOR HIGH SCHOOL  
LEVEL STUDENTS IN GRADES 9 AND 10.  
THE UNITS FOCUS ON THE FOUR AREAS  
OF MATHEMATICS, SCIENCE, SOCIAL  
STUDIES, AND LANGUAGE ARTS. THE  
DOCUMENT CONTAINS A DISCUSSION OF  
FUNDAMENTAL COGNITIVE SKILLS AND A  
RATIONALE FOR EACH. THE FORMAT FOR  
PRESENTING EACH GOAL OF THE  
INDIVIDUAL UNITS CONSISTS OF SIX  
COLUMNS HEADED, OBJECTIVES,  
SUGGESTED IMPLEMENTATION

ACTIVITIES, THINKING SKILL PROCESS,  
CURRICULUM RELATIONSHIP,  
PSYCHOMOTOR RELATIONSHIP, AND  
AFFECTIVE RELATIONSHIP. PRETESTS  
AND POSTTESTS ARE AVAILABLE FOR  
EACH UNIT. (LJ)

## VT 102 206

ALTIG, DUANE; AND OTHERS  
JOB OPPORTUNITIES AND YOUTH.

PARKROSE PUBLIC SCHOOLS, PORTLAND,  
ORE.

BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C.

MF AND HC AVAILABILITY WILL BE  
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DEC-0-73-6370

PUB DATE - 72 117p.; RELATED  
DOCUMENT VT 102 207 IN THIS ISSUE.

DESCRIPTORS - \*EMPLOYMENT  
OPPORTUNITIES; \*YOUTH  
OPPORTUNITIES; \*DEVELOPMENTAL  
PROGRAMS; \*CAREER EDUCATION;  
VOCATIONAL EDUCATION; SOCIAL  
STUDIES; GRADE 9  
IDENTIFIERS - PORTLAND; OREGON

ABSTRACT - THIS DOCUMENT PRESENTS  
CURRICULUM MATERIALS FOR  
INTEGRATING CAREER EXPLORATION  
ACTIVITIES INTO GRADE 9 SOCIAL  
STUDIES UNITS. THE PLAN AND  
CALENDAR FOR IMPLEMENTING CAREER  
EXPLORATION ACTIVITIES IN THE  
PARKROSE (OREGON) PUBLIC SCHOOLS  
ARE PRESENTED FIRST. MATERIALS FOR  
THE 11-WEEK PROGRAM ARE THEN  
PRESENTED BY WEEK. SOME OF THE  
TOPICS INCLUDE HOW TO PREPARE FOR  
AN INTERVIEW AND HOW TO LOOK FOR A  
JOB. ALSO INCLUDED IN THIS DOCUMENT  
ARE THE PROJECT PROPOSAL AND  
EVALUATION INFORMATION FOR THE  
EXEMPLARY PROJECT. (LJ)

## VT 102 207

ALTIG, DUANE; AND OTHERS  
JOB OPPORTUNITIES AND YOUTH.

PARKROSE PUBLIC SCHOOLS, PORTLAND,  
ORE.

BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C.

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DESCRIPTORS - \*EMPLOYMENT  
 OPPORTUNITIES; \*YOUTH  
 OPPORTUNITIES; \*CAREER EDUCATION;  
 VOCATIONAL EDUCATION; SOCIAL  
 STUDIES; GRADE 9; ECONOMIC  
 EDUCATION; \*DEVELOPMENTAL PROGRAMS  
 IDENTIFIERS - PORTLAND; OREGON

ABSTRACT - THIS DOCUMENT PRESENTS  
 STUDENT MATERIALS WHICH WERE  
 DEVELOPED TO BE USED TO INTEGRATE  
 CAREER EXPLORATION INTO THE SOCIAL  
 STUDIES CURRICULUM IN THE PARKROSE  
 (OREGON) SCHOOL SYSTEM. TOPICS OF  
 THE UNITS ARE; WORLD OF WORK, WORLD  
 OF ECONOMICS; OCCUPATIONS AND  
 EMPLOYMENT TRENDS; TECHNOLOGY AND  
 CHANGE; THE JOB, MANPOWER MARKET;  
 THE STUDENT, NATURE OF WORK; SKILLS  
 AND THE ECONOMIC VALUE OF  
 EDUCATION; AND DECISION MAKING AND  
 PLANNING. (LJ)

#### VT 102 208

THE CAMDEN HIGH SCHOOL VOCATIONAL  
 INTERDISCIPLINARY PROGRAM.

CAMDEN HIGH SCHOOL, S.C.  
 BUREAU OF ADULT, VOCATIONAL, AND  
 TECHNICAL EDUCATION (DHEW/OE),  
 WASHINGTON, D.C. DIV. OF VOCATIONAL  
 AND TECHNICAL EDUCATION.  
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 DEC-0-70-5190(361)  
 PUB DATE - JUN71 155P.; RELATED  
 DOCUMENTS VT 102 208 THROUGH VT 102  
 210 IN THIS ISSUE.

DESCRIPTORS - \*GRADE 11;  
 \*INTERDISCIPLINARY APPROACH; \*TRADE  
 AND INDUSTRIAL EDUCATION;  
 \*CURRICULUM GUIDES; HIGH SCHOOLS;  
 \*MACHINE TOOLS; TEACHING GUIDES;  
 MECHANICS (PROCESS)

ABSTRACT - THIS DOCUMENT PRESENTS  
 MATERIAL TO BE USED IN A MACHINE  
 TECHNOLOGY PROGRAM AT THE GRADE 11  
 LEVEL. INTENDED AS AN  
 INTERDISCIPLINARY APPROACH, THIS  
 COURSE IS ORGANIZED BY THE FOUR  
 AREAS OF LABORATORY, SCIENCE,

MATHEMATICS, AND COMMUNICATIONS FOR  
 EACH SUBSTANTIVE AREA. THE FIRST  
 PART OF THE DOCUMENT GIVES  
 INFORMATION INCLUDING OBJECTIVES  
 AND PRETESTS AND POSTTESTS FOR EACH  
 OF THE NINE UNITS PLUS AN  
 ORIENTATION. THE SECOND PART OF THE  
 DOCUMENT PRESENTS ORIENTATION  
 MATERIAL FOR THE NINE UNITS OF  
 MACHINE TECHNOLOGY, MEASUREMENT,  
 INTERPRETATION OF DRAWINGS AND  
 SYMBOLS, DRILLING, LATHES, MILLING  
 MACHINE, SAWS, THE SHAPER, AND  
 CHARACTERISTICS OF METALS. (LJ)

#### VT 102 209

THE CHESTERFIELD HIGH SCHOOL  
 VOCATIONAL INTERDISCIPLINARY  
 PROGRAM.

CHESTERFIELD HIGH SCHOOL, S.C.  
 BUREAU OF ADULT, VOCATIONAL, AND  
 TECHNICAL EDUCATION (DHEW/OE),  
 WASHINGTON, D.C. DIV. OF VOCATIONAL  
 AND TECHNICAL EDUCATION.  
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 DOCUMENTS VT 102 208 THROUGH VT 102  
 210 IN THIS ISSUE.

DESCRIPTORS - \*GRADE 11; HIGH  
 SCHOOLS; \*INTERDISCIPLINARY  
 APPROACH; \*CURRICULUM GUIDES;  
 \*TRADE AND INDUSTRIAL EDUCATION;  
 ELECTRICAL OCCUPATIONS;  
 \*ELECTRONICS

ABSTRACT - THIS DOCUMENT CONTAINS  
 10 UNITS FOR A GRADE 11 PROGRAM IN  
 ELECTRONICS. THE UNITS ARE  
 ORGANIZED UNDER THE FOUR HEADINGS  
 OF LABORATORY, SCIENCE,  
 MATHEMATICS, AND COMMUNICATIONS.  
 EACH UNIT CONTAINS OBJECTIVES,  
 PRETEST AND POSTTEST MATERIALS,  
 CONTENT, METHODOLOGY, AND STUDENT  
 LEARNING ACTIVITIES. THE UNIT  
 TOPICS ARE ORIENTATION, HAND TOOLS  
 AND SOLDERING, MEASUREMENT OF  
 ELECTRICITY, SOURCES OF  
 ELECTRICITY, MAGNETISM,  
 TRANSFORMERS, ELECTRICAL CIRCUITS,  
 INTRODUCTION TO BASIC ELECTRICAL  
 COMPONENTS, AND ELECTRONIC  
 CIRCUITS. EXTRA UNITS ON GRAMMAR  
 AND USAGE AND APPLIANCE REPAIR ARE



ALSO INCLUDED. SUPPLEMENTARY MATERIALS LISTED IN THE TABLE OF CONTENTS HAVE NOT BEEN INCLUDED WITH THE DOCUMENT. (LJ)

#### VT 102 210

THE FAIRFIELD HIGH SCHOOL VOCATIONAL INTERDISCIPLINARY PROGRAM.

FAIRFIELD HIGH SCHOOL, WINNSBORO, S.C.

BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

DEC-0-70-5190(361)

PUB DATE - JUN71 74P.; RELATED DOCUMENTS VT 102 208 THROUGH VT 102 210 IN THIS ISSUE.

DESCRIPTORS - \*GRADE 11; \*TRADE AND INDUSTRIAL EDUCATION; HIGH SCHOOLS; \*CURRICULUM GUIDES; \*ELECTRONICS; ELECTRICAL OCCUPATIONS; \*INTERDISCIPLINARY APPROACH

ABSTRACT - THIS DOCUMENT PRESENTS A COURSE IN ELECTRONICS FOR GRADE 11 STUDENTS. THE 11 UNITS ARE ORGANIZED UNDER THE MAJOR HEADINGS OF LABORATORY, SCIENCE, MATHEMATICS, AND COMMUNICATIONS. EACH UNIT CONTAINS OBJECTIVES, AN OUTLINE OF THE CONTENT, AND LEARNING ACTIVITIES. THE UNITS COVER THE SUBJECTS OF ORIENTATION AND INTRODUCTION, LABORATORY SAFETY PROCEDURES AND TECHNIQUES, FUNDAMENTALS OF ELECTRICITY, SIMPLE CURRENTS, MAGNETISM, METERS, ALTERNATING CURRENT FUNDAMENTALS, LAWS AND PROPERTIES OF INDUCTORS, LAWS AND PROPERTIES OF CAPACITATORS, TUNED CIRCUITS, AND POWER SUPPLIERS. (LJ)

#### VT 102 211

COX, WILLIAM W.

PROJECT EVA: EARLY VOCATIONAL AWARENESS.

HIGHLINE PUBLIC SCHOOLS, SEATTLE, WASH.

WASHINGTON STATE BOARD FOR VOCATIONAL EDUCATION, OLYMPIA.

VOCATIONAL RESEARCH DIV. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - 73 137P.

DESCRIPTORS - \*ELEMENTARY SCHOOL CURRICULUM; \*ELEMENTARY GRADES; \*CAREER AWARENESS; \*INSTRUCTIONAL MATERIALS; OCCUPATIONAL CLUSTERS; \*EDUCATIONAL RESOURCES IDENTIFIERS - SEATTLE

ABSTRACT - THREE ELEMENTARY SCHOOLS IN DISTRICTS OF THE SEATTLE, WASHINGTON AREA WERE THE TARGET OF THIS PROJECT WHICH DEVELOPED CAREER AWARENESS RESOURCE MATERIALS. THE 14 MULTI-USE RESOURCE PACKAGES DESIGNED FOR INSTRUCTIONAL USE INCLUDE TWO FOR EACH GRADE (K-6) AND CONTAIN PHYSICAL ACTIVITIES AND SUPPORTING MEDIA. EACH PACKAGE EMPHASIZES A CLUSTER OF OCCUPATIONS AND CONTAINS OBJECTIVES, ACTIVITIES, MATERIALS SUCH AS FIELD TRIP SITE SUGGESTIONS, AVAILABLE RESOURCE SPEAKERS, A TEACHER'S GUIDE, AND TESTING MATERIALS. GUIDELINES USED IN DEVELOPMENT INCLUDED EMPHASIS ON A GREATER NUMBER OF OCCUPATIONS, ADDITIONAL OCCUPATIONS FOR GIRLS, METHODS FOR FINDING AND GROUPING OCCUPATIONAL INFORMATION, EMPHASIS ON ABILITY AND TRAINING, REALISTIC JOB DESCRIPTIONS, RELATION OF CLASSROOM SKILLS TO FUTURE JOBS, USE OF A VARIETY OF MEDIA INCLUDING "HANDS-ON" EXPERIENCES, AND INTEGRATION OF MATERIAL WITHIN EXISTING CURRICULUM. THE APPENDED FINAL REPORT INCLUDES TEACHER AND STUDENT EVALUATIONS, A SAMPLE PACKAGE, AND STUDENT GROWTH DATA. (AUTHOR/KJ)

#### VT 102 212

STATIONARY ENGINEERING ENVIRONMENTAL CONTROL REFRIGERATION. SCIENCE I - TEACHER'S GUIDE.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.; BERGEN COUNTY VOCATIONAL-TECHNICAL HIGH SCHOOL, HACKENSACK, N.J. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.



MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS - THE STATE UNIVERSITY, BUILDING 4103 - KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903. (\$2.00 EA.)  
PUB DATE - ND 132P.;  
RELATED DOCUMENT VT 102 213 IN THIS ISSUE.

DESCRIPTORS - HIGH SCHOOLS; POST SECONDARY EDUCATION; \*TEACHING GUIDES; \*TRADE AND INDUSTRIAL EDUCATION; \*REFRIGERATION MECHANICS; SCIENCE CURRICULUM; \*TECHNICAL OCCUPATIONS; \*OPERATING ENGINEERING

ABSTRACT - THIS DOCUMENT PRESENTS LESSONS FOR TEACHING ABOUT OCCUPATIONS RELATED TO ENVIRONMENTAL CONTROL, STATIONARY ENGINEERING, AND REFRIGERATION. INTENDED FOR USE WITH THE ASSIGNMENTS IN THE RELATED SCIENCE MANUAL FOR STUDENTS (VT 102 213 IN THIS ISSUE), EACH UNIT PROVIDES THE TEACHER WITH OBJECTIVES, A LIST OF AIDS NEEDED, PROCEDURES, A SUMMARY, AND TESTING QUESTIONS. THERE ARE 18 AVAILABLE UNITS FROM WHICH TO CHOOSE AND EACH LESSON INVOLVES CONCRETE TRADE EXPERIENCE WHERE SCIENCE IS APPLIED. (LJ)

VT 102 213  
STEINGRESS, FREDERICK M.; AND OTHERS  
STATIONARY ENGINEERING  
ENVIRONMENTAL CONTROL  
REFRIGERATION. SCIENCE MANUAL I.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.; BERGEN COUNTY VOCATIONAL-TECHNICAL HIGH SCHOOL, HACKENSACK, N.J.  
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS - THE STATE UNIVERSITY, BUILDING 4103 - KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903. (\$3.00 EA.)  
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DOCUMENT VT 102 212 IN THIS ISSUE.

DESCRIPTORS - HIGH SCHOOLS; POST SECONDARY EDUCATION; \*INSTRUCTIONAL MATERIALS; \*TRADE AND INDUSTRIAL EDUCATION; \*REFRIGERATION MECHANICS; SCIENCE CURRICULUM; \*TECHNICAL OCCUPATIONS; \*OPERATING ENGINEERING

ABSTRACT - THESE STUDENT MATERIALS PRESENT LESSONS ABOUT OCCUPATIONS RELATED TO ENVIRONMENTAL CONTROL, STATIONARY ENGINEERING, AND REFRIGERATION. INCLUDED ARE 18 UNITS ORGANIZED BY OBJECTIVE, INFORMATION, REFERENCE, PROCEDURE, AND ASSIGNMENT. EACH LESSON INVOLVES CONCRETE TRADE EXPERIENCE WHERE SCIENCE IS APPLIED. (LJ)

VT 102 214  
SCETTING, JACK  
PRACTICAL REAL ESTATE FOR THE HIGH SCHOOL STUDENT.

NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS - THE STATE UNIVERSITY, BUILDING 4103 - KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903.  
PUB DATE - JUN75 87P.

DESCRIPTORS - \*TEACHING GUIDES; \*REAL ESTATE OCCUPATIONS; \*HIGH SCHOOL STUDENTS; \*TRANSPARENCIES

ABSTRACT - DESIGNED FOR USE IN A HALF-YEAR PROGRAM OR MINICOURSE, THE MATERIAL PRESENTED IN THIS TEACHING GUIDE IS INTENDED TO GIVE STUDENTS SPECIFIC INFORMATION PERTAINING TO SHELTER OR REAL ESTATE AND TO GIVE STUDENTS THE OPPORTUNITY TO GATHER INFORMATION ON SHELTER-RELATED CAREERS. THE GUIDE IS ORGANIZED BY CONTENT AND RELATED ACTIVITIES AND PROVIDES INFORMATION IN THE AREAS OF BUDGETING, RENTING, AND HOUSE BUYING. APPENDED ARE TRANSPARENCY MASTERS WHICH RELATE TO THE CONTENT. (LJ)

VT 102 215  
CASHIER/ACCOUNTS RECEIVABLE CLERK  
EXPLORATION.

PORTSMOUTH CITY SCHOOLS, VA.  
BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUN75 38P.; RELATED  
DOCUMENTS VT 102 215 THROUGH VT 102  
218 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*JUNIOR HIGH SCHOOLS; \*DISTRIBUTIVE  
EDUCATION; \*CLERICAL OCCUPATIONS;  
\*SIMULATION

ABSTRACT - THESE STUDENT MATERIALS  
PRESENT EXERCISES DESIGNED TO  
SIMULATE THE JOB PERFORMED BY A  
CASHIER/ACCOUNTS RECEIVABLE CLERK.  
THE CONTENT OF THE COURSE COVERS  
JOB INSTRUCTIONS, WRITING RECEIPTS,  
PROVING CASH, CUSTOMER ACCOUNTS,  
PREPARING STATEMENTS, AND SCHEDULE  
OF ACCOUNTS RECEIVABLE. ALSO  
INCLUDED IN THIS DOCUMENT ARE A  
PRETEST AND POSTTEST FOR THE UNIT  
AND A GLOSSARY. (LJ)

VT 102 216  
RETAIL SALES CLERK EXPLORATION.

PORTSMOUTH CITY SCHOOLS, VA.  
BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUN75 36P.; RELATED  
DOCUMENTS VT 102 215 THROUGH VT 102  
218 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
JUNIOR HIGH SCHOOLS; DISTRIBUTIVE  
EDUCATION; \*SALES OCCUPATIONS;  
\*CLERICAL OCCUPATIONS; \*RETAILING;  
\*SIMULATION

ABSTRACT - THESE STUDENT MATERIALS  
PRESENT EXERCISES DESIGNED TO  
SIMULATE THE JOB PERFORMED BY A  
RETAIL SALES CLERK. THE CONTENT OF  
THE COURSE COVERS JOB INSTRUCTIONS,  
STOCK RECORD CARDS, RECORDING

GOODS, SALES SLIPS, AND CODING  
PRICES. ALSO INCLUDED IN THIS  
DOCUMENT ARE A PRETEST AND POSTTEST  
FOR THE UNIT AND A GLOSSARY. (LJ)

VT 102 217  
CLERK-TYPIST EXPLORATION.

PORTSMOUTH CITY SCHOOLS, VA.  
BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUN75 33P.; RELATED  
DOCUMENTS VT 102 215 THROUGH VT 102  
218 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*JUNIOR HIGH SCHOOLS; DISTRIBUTIVE  
EDUCATION; \*CLERICAL OCCUPATIONS;  
\*SIMULATION; \*TYPISTS

ABSTRACT - THESE STUDENT MATERIALS  
PRESENT EXERCISES DESIGNED TO  
SIMULATE THE JOB PERFORMED BY A  
CLERK-TYPIST. THE CONTENT OF THE  
COURSE COVERS JOB INSTRUCTIONS,  
FORM LETTERS, INVOICES, A ROUGH  
DRAFT BUSINESS REPORT, PURCHASE  
REQUISITION, PURCHASE ORDER,  
TELEPHONE CONVERSATION, AND RATING  
SCALE--TELEPHONE PERSONALITY. ALSO  
INCLUDED IN THIS DOCUMENT ARE A  
PRETEST AND POSTTEST FOR THE UNIT  
AND A GLOSSARY. (LJ)

VT 102 218  
FLESHMAN, KAY M.  
DESIGN FOR A ONE-SEMESTER  
CURRICULUM FOR EXPLORATORY  
BUSINESS. FINAL REPORT.

PORTSMOUTH CITY SCHOOLS, VA.  
BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUN75 38P.; RELATED  
DOCUMENTS VT 102 215 THROUGH VT 102  
218 IN THIS ISSUE.

DESCRIPTORS - \*JUNIOR HIGH SCHOOLS;  
\*CAREER EDUCATION; \*BUSINESS  
EDUCATION; \*CURRICULUM GUIDES;  
\*SIMULATION

**ABSTRACT - THIS FINAL REPORT CONSISTS OF FOUR PARTS: (1) A REPORT OF THE PROJECT TO DESIGN AN EXPLORATORY BUSINESS COURSE, (2) A COURSE OUTLINE FOR THAT COURSE, (3) A LIST OF OBJECTIVES AND TEACHING SUGGESTIONS, AND (4) A BIBLIOGRAPHY AND LIST OF RESOURCES. THE INTENT OF THE PROJECT WAS TO DESIGN A CURRICULUM FOR A ONE-SEMESTER COURSE AT THE JUNIOR HIGH SCHOOL LEVEL WHICH WOULD ALLOW STUDENTS TO DISCOVER HOW BUSINESSES OPERATE AND TO EXPLORE OPPORTUNITIES FOR A CAREER IN BUSINESS. ALONG WITH THE CURRICULUM GUIDE, SIMULATIONS WERE DEVELOPED FOR THE JOBS OF CLERK-TYPIST, RETAIL SALES CLERK, AND CASHIER/ACCOUNTS RECEIVABLE CLERK. (LJ)**

**VT 102 219**

**BOGGS, MINNIE E., ED.; LUCKNER, BARBARA, ED.  
FAMILIARIZATION AND DISSEMINATION OF SELECTED VOCATIONAL-TECHNICAL CURRICULUM AND RESOURCE MATERIALS, SEPTEMBER 1974-JUNE 1975. FINAL REPORT.**

**HAWAII STATE DEPT. OF EDUCATION, HONOLULU. OFFICE OF THE DIRECTOR FOR VOCATIONAL EDUCATION.  
NATIONAL CENTER FOR IMPROVEMENT OF EDUCATIONAL SYSTEMS (DHEW/OE), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
OEG-9-74-0084  
PUB DATE - JUN75 106P.**

**DESCRIPTORS - \*INFORMATION NETWORKS; VOCATIONAL EDUCATION; CAREER EDUCATION; \*INSERVICE PROGRAMS; WORKSHOPS; \*INSTRUCTIONAL MATERIALS; \*RESOURCE MATERIALS; \*CURRICULUM DEVELOPMENT  
IDENTIFIERS - \*HAWAII**

**ABSTRACT - THE GOAL OF THE DISSEMINATION PROJECT REPORTED IN THIS DOCUMENT WAS TO IMPROVE VOCATIONAL-TECHNICAL AND CAREER EDUCATION IN THE STATE OF HAWAII. SPECIFIC OBJECTIVES WERE TO: (1) PURCHASE OR DUPLICATE RECOMMENDED CURRICULUM AND RESOURCE MATERIALS FOR DISSEMINATION, (2) PROVIDE A**

**SERIES OF WORKSHOPS ON HAWAII, KAUAI, MAUI, AND OAHU TO FAMILIARIZE EDUCATORS WITH THE MATERIALS, INFORMATION, AND INNOVATIVE PROGRAMS REQUESTED FOR THESE ISLANDS, AND (3) DISSEMINATE THE HAWAII CAREER DEVELOPMENT CONTINUUM CURRICULUM GUIDES AND PROVIDE INSERVICE TRAINING FOR EDUCATORS K-14 THROUGHOUT THE STATE IN THE USE OF THESE GUIDES. ACTIVITIES PURSUED TO REALIZE THE OBJECTIVES, CURRICULUM AND RESOURCE MATERIALS ACQUIRED, AGENDA FOR THE VARIOUS WORKSHOPS, PARTICIPANTS, AND WORKSHOP EVALUATIONS ARE INCLUDED. (AUTHOR/MF)**

**VT 102 220**

**ADMINISTERING PUBLIC SERVICE OCCUPATIONS. AN IMPLEMENTATION GUIDE.**

**CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. VOCATIONAL EDUCATION SECTION.**

**BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C. DIV. OF RESEARCH AND DEMONSTRATION.**

**MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.**

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**DESCRIPTORS - \*CURRICULUM GUIDES; \*PUBLIC SERVICE OCCUPATIONS; \*CAREER EDUCATION; ADULT EDUCATION PROGRAMS; JUNIOR HIGH SCHOOLS; HIGH SCHOOLS; \*PROGRAM GUIDES**

**ABSTRACT - THIS IMPLEMENTATION GUIDE WAS DEVELOPED TO ASSIST IN THE INITIATION AND ADMINISTRATION OF PUBLIC SERVICE CAREER EDUCATION PROGRAMS. SUGGESTED GUIDELINES ARE INCORPORATED FOR ADMINISTRATORS AND TEACHERS INTERESTED IN IMPLEMENTING A PUBLIC SERVICE CURRICULUM AT THE JUNIOR AND SENIOR HIGH SCHOOL AND ADULT LEVELS. SPECIFICALLY, THIS DOCUMENT HAS BEEN PREPARED TO HELP**

LOCAL SCHOOL DISTRICT STAFFS UTILIZE THE SIX CURRICULUM GUIDES WHICH WERE DEVELOPED AS PART OF THE PUBLIC SERVICE OCCUPATIONS CURRICULUM PROJECT. THE AREAS EXPLORED INCLUDE ORIENTATION AND PREPARATION FOR PUBLIC SERVICE OCCUPATIONS. TOPICS COVERED IN THIS DOCUMENT ARE PLANNING AND ORGANIZING THE PUBLIC SERVICE PROGRAM, THE PUBLIC SERVICE CURRICULUM SYSTEM, WORK EXPERIENCE PROGRAMS, COMMUNITY INVOLVEMENT AND RESOURCES, AND ARTICULATION OF PUBLIC SERVICE PROGRAMS.  
(AUTHOR/LJ)

# **VT 102 221**

EXPLORATION OF PUBLIC SERVICE OCCUPATIONS. CURRICULUM GUIDE.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. VOCATIONAL EDUCATION SECTION.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C. DIV. OF RESEARCH AND DEMONSTRATION.

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PUB DATE - JUN75 308P.; RELATED DOCUMENTS VT 102 220 THROUGH VT 102 226 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*PUBLIC SERVICE OCCUPATIONS;  
\*JUNIOR HIGH SCHOOLS; \*CAREER EDUCATION; \*SOCIAL SCIENCES  
IDENTIFIERS - CAREER EXPLORATION

ABSTRACT - THIS CURRICULUM GUIDE IS ONE OF A SERIES DEVELOPED AS PART OF THE PUBLIC SERVICE OCCUPATION CURRICULUM PROJECT TO ASSIST IN THE IMPLEMENTATION OF CAREER EDUCATION PROGRAMS CONCERNED WITH PUBLIC SERVICE OCCUPATIONS. THIS GUIDE CONSISTS OF 17 UNITS AND CONTAINS THE BASIC CONCEPTS AND INSTRUCTIONAL MATERIALS RECOMMENDED FOR THE EXPLORATION OF PUBLIC SERVICE OCCUPATIONS AT THE JUNIOR HIGH SCHOOL LEVEL. THE SUBJECT

MATTER IS ORIENTED TOWARD TEACHERS WITH MINIMAL TRAINING OR EXPERIENCE IN PUBLIC SERVICE OCCUPATIONS EXPLORATION. EACH UNIT CONTAINS INSTRUCTIONAL OBJECTIVES, TEACHER INFORMATION FOR COURSE CONTENT, AND SUGGESTIONS FOR TEACHING MATERIALS THAT WOULD BE HELPFUL IN DEVELOPING THE UNIT. EVERY UNIT ALSO CONTAINS TEACHER AND STUDENT ACTIVITIES THAT WILL ENABLE STUDENTS TO DEVELOP AN UNDERSTANDING OF THE ATTITUDES, VALUES, AND CHARACTERISTICS WHICH PERTAIN TO MANY CAREERS IN PUBLIC SERVICE. UNITS ARE DESIGNED TO BE PRESENTED IN SCIENCE, SOCIAL SCIENCE, POLITICAL SCIENCE AND/OR MATHEMATICS CLASSES IN GRADES 7, 8, OR 9. APPENDED ARE A LIST OF RESOURCE SUPPLIERS AND SUGGESTED EVALUATION QUESTIONS FOR PRETESTS AND POSTTESTS. (AUTHOR/LJ).

# **VT 102 222**

ORIENTATION TO PUBLIC SERVICE OCCUPATIONS. CURRICULUM GUIDE.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. VOCATIONAL EDUCATION SECTION.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C. DIV. OF RESEARCH AND DEMONSTRATION.

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DESCRIPTORS - \*CURRICULUM GUIDES;  
\*PUBLIC SERVICE OCCUPATIONS; \*HIGH SCHOOLS; \*CAREER EDUCATION;  
\*GOVERNMENT ROLE  
IDENTIFIERS - CAREER ORIENTATION

ABSTRACT - THIS CURRICULUM GUIDE IS ONE OF A SERIES DEVELOPED AS PART OF THE PUBLIC SERVICE OCCUPATIONS CURRICULUM PROJECT TO ASSIST IN THE IMPLEMENTATION OF CAREER EDUCATION PROGRAMS CONCERNED WITH PUBLIC SERVICE OCCUPATIONS. THIS GUIDE



CONSISTS OF EIGHT UNITS INTENDED TO REPRESENT THE EIGHT MAJOR OCCUPATIONAL GROUPS WHICH REFLECT DISCRETE GOVERNMENTAL FUNCTIONS PERFORMED AT FEDERAL, STATE, AND LOCAL LEVELS. THE EIGHT UNIT HEADINGS ARE: GOVERNMENTAL AGENCY MANAGEMENT; SOCIAL AND ECONOMIC SERVICES; EDUCATIONAL SERVICES; RESOURCES MANAGEMENT; RURAL, URBAN AND COMMUNITY DEVELOPMENT; PUBLIC SAFETY, CORRECTIONS, AND JUDICIAL SERVICES; REGULATORY SERVICES AND RECORDS; AND TRANSPORTATION SERVICES. THE BASIC CONCEPTS AND INSTRUCTIONAL MATERIALS ARE RECOMMENDED FOR THE EXPLORATION OF PUBLIC SERVICE OCCUPATIONS AT THE HIGH SCHOOL LEVEL. THE SUBJECT MATTER IS ORIENTED TOWARD TEACHERS WITH MINIMAL TRAINING OR EXPERIENCE IN PUBLIC SERVICE OCCUPATIONS EXPLORATION. EACH UNIT CONTAINS INSTRUCTIONAL OBJECTIVES, TEACHER INFORMATION FOR COURSE CONTENT, AND SUGGESTIONS FOR TEACHING MATERIALS THAT WOULD BE HELPFUL IN DEVELOPING THE UNIT. EVERY UNIT ALSO CONTAINS TEACHER AND STUDENT ACTIVITIES THAT WILL ENABLE STUDENTS TO DEVELOP AN UNDERSTANDING OF THE ATTITUDES, VALUES, AND CHARACTERISTICS WHICH PERTAIN TO MANY CAREERS IN PUBLIC SERVICE. APPENDED ARE A LIST OF RESOURCE SUPPLIERS AND SUGGESTED EVALUATION QUESTIONS FOR PRETESTS AND POSTTESTS. (AUTHOR/LJ)

#### VT 102 223

PREPARING FOR PUBLIC SERVICE OCCUPATIONS. COMMON CORE. CURRICULUM GUIDE.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. VOCATIONAL EDUCATION SECTION.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C. DIV. OF RESEARCH AND DEMONSTRATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

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DOCUMENTS VT 102 220 THROUGH VT 102 226 IN THIS ISSUE.

DESCRIPTORS - \*PUBLIC SERVICE OCCUPATIONS; \*CAREER EDUCATION; \*CURRICULUM GUIDES; \*CORE COURSES; ENTRY WORKERS; COMMUNICATION SKILLS; GRADE 11; GRADE 12; ADULT EDUCATION

IDENTIFIERS - CAREER, PREPARATION

ABSTRACT - THIS CURRICULUM GUIDE IS ONE OF A SERIES DEVELOPED AS PART OF THE PUBLIC SERVICE OCCUPATIONS CURRICULUM PROJECT TO ASSIST IN THE IMPLEMENTATION OF CAREER EDUCATION PROGRAMS CONCERNED WITH PUBLIC SERVICE OCCUPATIONS. THIS GUIDE CONSISTS OF NINE UNITS AND CONTAINS THE BASIC INSTRUCTIONAL MATERIAL RECOMMENDED FOR ALL AREAS OF PUBLIC SERVICE PREPARATION. IT OFFERS SUGGESTIONS FOR COURSE CONTENT, TEACHING MATERIALS, AND INSTRUCTIONAL OBJECTIVES, AS WELL AS TEACHER AND STUDENT ACTIVITIES HELPFUL IN PREPARING INDIVIDUALS FOR ENTRY-LEVEL POSITIONS IN PUBLIC SERVICE OCCUPATIONS. THE SUBJECT MATTER IS ORIENTED TOWARD TEACHERS WITH MINIMAL TRAINING AND/OR EXPERIENCE IN PUBLIC SERVICE EDUCATIONAL PREPARATION. UNIT TOPICS INCLUDE ORAL AND WRITTEN COMMUNICATIONS, BASIC REPORT WRITING AND RECORDKEEPING, GOOD GROOMING, RELATIONSHIPS WITH OTHER PEOPLE, INTERVIEWING SKILLS, APPLYING FOR PUBLIC SERVICE JOBS, AND TECHNIQUES OF DECISIONMAKING. APPENDED ARE A LIST OF RESOURCE SUPPLIERS AND SUGGESTED EVALUATION QUESTIONS FOR PRETESTS AND POSTTESTS. (AUTHOR/LJ)

#### VT 102 224

PREPARING FOR PUBLIC SERVICE OCCUPATIONS. EDUCATIONAL SERVICES. CURRICULUM GUIDE.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. VOCATIONAL EDUCATION SECTION.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C. DIV. OF RESEARCH AND DEMONSTRATION.

MF AND HC AVAILABILITY WILL BE

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 DOCUMENTS VT 102 220 THROUGH VT 102  
 226 IN THIS ISSUE.

DESCRIPTORS - \*PUBLIC SERVICE  
 OCCUPATIONS; \*CAREER EDUCATION;  
 \*CURRICULUM GUIDES; ENTRY WORKERS;  
 GRADE 11; GRADE 12; ADULT EDUCATION  
 IDENTIFIERS - CAREER PREPARATION

ABSTRACT - THIS CURRICULUM GUIDE IS  
 ONE OF A SERIES DEVELOPED AS PART  
 OF THE PUBLIC SERVICE OCCUPATIONS  
 CURRICULUM PROJECT TO ASSIST IN THE  
 IMPLEMENTATION OF CAREER EDUCATION  
 PROGRAMS CONCERNED WITH PUBLIC  
 SERVICE OCCUPATIONS. THIS GUIDE  
 CONSISTS OF SEVEN UNITS AND  
 CONTAINS THE BASIC INSTRUCTIONAL  
 MATERIAL RECOMMENDED FOR THE AREA  
 OF EDUCATIONAL SERVICES  
 PREPARATION. IT OFFERS SUGGESTIONS  
 FOR COURSE CONTENT, TEACHING  
 MATERIALS, AND INSTRUCTIONAL  
 OBJECTIVES, AS WELL AS TEACHER AND  
 STUDENT ACTIVITIES HELPFUL IN  
 PREPARING INDIVIDUALS FOR  
 EDUCATIONAL SERVICES ENTRY-LEVEL  
 POSITIONS IN PUBLIC SERVICE  
 OCCUPATIONS. THE SUBJECT MATTER IS  
 ORIENTED TOWARD TEACHERS WITH  
 MINIMAL TRAINING AND/OR EXPERIENCE  
 IN PUBLIC SERVICE EDUCATIONAL  
 PREPARATION. UNIT HEADINGS INCLUDE  
 HUMAN GROWTH AND DEVELOPMENT, HOW  
 PEOPLE LEARN, THE DISADVANTAGED  
 STUDENT, INSTRUCTIONAL METHODS,  
 BASIC SKILLS IN THE LANGUAGE ARTS,  
 EDUCATIONAL TECHNIQUES AND  
 MATERIALS, AND TESTING AND  
 EVALUATION. A LIST OF RESOURCE  
 SUPPLIERS AND SUGGESTED EVALUATION  
 QUESTIONS FOR PRETESTS AND  
 POSTTESTS ARE APPENDED. (AUTHOR/LJ)

VT 102 225

PREPARING FOR PUBLIC SERVICE  
 OCCUPATIONS. LAW ENFORCEMENT  
 SERVICES. CURRICULUM GUIDE.

CALIFORNIA STATE DEPT. OF  
 EDUCATION, SACRAMENTO. VOCATIONAL

EDUCATION SECTION.

BUREAU OF OCCUPATIONAL AND ADULT  
 EDUCATION (DHEW/OE), WASHINGTON,  
 D.C. DIV. OF RESEARCH AND  
 DEMONSTRATION.

MF AND HC AVAILABILITY WILL BE  
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 GOVERNMENT PRINTING OFFICE,

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 226 IN THIS ISSUE.

DESCRIPTORS - \*LAW ENFORCEMENT;  
 \*CAREER EDUCATION; \*PUBLIC SERVICE  
 OCCUPATIONS; \*CURRICULUM GUIDES;  
 ENTRY WORKERS; GRADE 11; GRADE 12;  
 ADULT EDUCATION  
 IDENTIFIERS - \*POLICE EDUCATION

ABSTRACT - THIS CURRICULUM GUIDE IS  
 ONE OF A SERIES DEVELOPED AS PART  
 OF THE PUBLIC SERVICE OCCUPATIONS  
 CURRICULUM PROJECT TO ASSIST IN THE  
 IMPLEMENTATION OF CAREER EDUCATION  
 PROGRAMS CONCERNED WITH PUBLIC  
 SERVICE OCCUPATIONS. THE GUIDE  
 CONSISTS OF SIX UNITS, AND CONTAINS  
 THE BASIC INSTRUCTIONAL MATERIAL  
 RECOMMENDED FOR THE AREA OF LAW  
 ENFORCEMENT SERVICES PREPARATION.  
 IT OFFERS SUGGESTIONS FOR COURSE  
 CONTENT, TEACHING MATERIALS, AND  
 INSTRUCTIONAL OBJECTIVES, AS WELL  
 AS TEACHER AND STUDENT ACTIVITIES  
 HELPFUL IN PREPARING INDIVIDUALS  
 FOR ENTRY-LEVEL POSITIONS IN PUBLIC  
 SAFETY OCCUPATIONS. THE SUBJECT  
 MATTER IS ORIENTED TOWARD TEACHERS  
 WITH MINIMAL TRAINING AND/OR  
 EXPERIENCE IN PUBLIC SERVICE  
 EDUCATIONAL PREPARATION. UNIT  
 HEADINGS INCLUDE ORGANIZATION AND  
 OPERATION OF POLICE DEPARTMENTS,  
 BASIC ELEMENTS AND ISSUES IN  
 ADMINISTRATION OF JUSTICE,  
 PREVENTIVE PATROL TECHNIQUES,  
 INVESTIGATIVE TECHNIQUES, TRAFFIC  
 DIRECTION AND CONTROL, AND  
 DELINQUENCY PREVENTION AND CONTROL.  
 APPENDED IS A LIST OF RESOURCE  
 SUPPLIERS AND SUGGESTED EVALUATION  
 QUESTIONS FOR PRETESTS AND  
 POSTTESTS. (AUTHOR/LJ)

**VT 102 226**

PREPARING FOR PUBLIC SERVICE  
OCCUPATIONS. SOCIAL SERVICES.  
CURRICULUM GUIDE.

CALIFORNIA STATE DEPT. OF  
EDUCATION, SACRAMENTO. VOCATIONAL  
EDUCATION SECTION.

BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C. DIV OF RESEARCH AND  
DEMONSTRATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

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DESCRIPTORS - \*CAREER EDUCATION;  
\*PUBLIC SERVICE OCCUPATIONS;  
\*CURRICULUM GUIDES; ENTRY WORKERS;  
GRADE 11; GRADE 12; ADULT  
EDUCATION; \*SOCIAL SERVICES  
IDENTIFIERS - CAREER PREPARATION;  
\*SERVICE STATION ATTENDANTS

ABSTRACT - THIS CURRICULUM GUIDE IS  
ONE OF A SERIES DEVELOPED AS PART  
OF THE PUBLIC SERVICE OCCUPATIONS  
CURRICULUM PROJECT TO ASSIST IN THE  
IMPLEMENTATION OF CAREER EDUCATION  
PROGRAMS CONCERNED WITH PUBLIC  
SERVICE OCCUPATIONS. THE GUIDE  
CONSISTS OF SEVEN UNITS, AND  
CONTAINS THE BASIC INSTRUCTIONAL  
MATERIAL RECOMMENDED FOR THE AREA  
OF SOCIAL AND ECONOMIC SERVICES  
PREPARATION. IT OFFERS SUGGESTIONS  
FOR COURSE CONTENT, TEACHING  
MATERIALS, AND INSTRUCTIONAL  
OBJECTIVES, AS WELL AS TEACHER AND  
STUDENT ACTIVITIES HELPFUL IN  
PREPARING INDIVIDUALS FOR SOCIAL  
AND ECONOMIC SERVICE ENTRY-LEVEL  
POSITIONS IN PUBLIC SERVICE  
OCCUPATIONS. THE SUBJECT MATTER IS  
ORIENTED TOWARD TEACHERS WITH  
MINIMAL TRAINING AND/OR EXPERIENCE  
IN PUBLIC SERVICE PREPARATION. UNIT  
HEADINGS ARE: SOCIAL-SERVICE  
AGENCIES AND PROGRAMS, WHY PEOPLE  
BEHAVE AS THEY DO, HOW GROUPS  
BEHAVE, WORKING WITH COMMUNITY.

ORGANIZATIONS AND GROUPS,  
INDIVIDUAL ASSISTANCE SKILLS,  
INFLUENCES ON PEOPLE, AND CROSS-  
CULTURAL SKILLS. APPENDED ARE A  
LIST OF RESOURCE SUPPLIERS AND  
SUGGESTED EVALUATION QUESTIONS FOR  
PRETESTS AND POSTTESTS. (AUTHOR/LJ)

**VT 102 227**

COOPER, GLORIA S.; AND OTHERS  
METRIC EDUCATION. A POSITION PAPER  
FOR VOCATIONAL, TECHNICAL AND ADULT  
EDUCATION.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.

BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

OEG-0-74-9335

CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#SN4, \$3.00. EA.)

PUB DATE - 75 55P.; RELATED  
DOCUMENT VT 102 344 IN THIS ISSUE.

DESCRIPTORS - \*METRIC SYSTEM;  
\*VOCATIONAL EDUCATION; \*RESOURCE  
GUIDES; \*REFERENCE MATERIALS;  
INSERVICE TEACHER EDUCATION

ABSTRACT - THIS PAPER IS ADDRESSED  
TO TEACHERS, CURRICULUM DEVELOPERS,  
AND ADMINISTRATORS IN VOCATIONAL,  
TECHNICAL, AND ADULT EDUCATION WHO  
WILL SOON BE INVOLVED IN THE  
IMPLEMENTATION OF METRIC  
INSTRUCTION. IT IS INTENDED TO  
ALERT EDUCATORS TO THE KINDS OF  
CHANGES THEY MAY ANTICIPATE IN  
THEIR PROGRAM AREAS. IT CAN BE USED  
AS AN INSERVICE TOOL AS A REFERENCE  
ON THE IMPACT OF METRICATION, OR AS  
THE TEACHER'S FIRST STEP IN  
LEARNING ABOUT METRIC AND THE  
METRIC CHANGEVER. THE FIVE  
CHAPTERS COVER ISSUES IN METRIC  
EDUCATION, WHAT THE METRIC SYSTEM  
IS ABOUT, THE IMPACT METRICATION  
WILL HAVE ON VOCATIONAL AND  
TECHNICAL EDUCATION, THE  
IMPLICATIONS OF METRIC INSTRUCTION  
FOR ADULT BASIC EDUCATION, AND  
CURRICULUM AND INSTRUCTIONAL  
STRATEGIES. EACH OF THE CHAPTERS IS

ORGANIZED INTO FOUR PARTS. THE FIRST PART IS A ONE-PAGE OVERVIEW WHICH HIGHLIGHTS THE MAIN POINTS OF THE CHAPTER. THE SECOND CONSISTS OF SOME QUESTIONS AND ANSWERS WHICH REFLECT THE FEARS AND CONCERNS OF TEACHERS, ADMINISTRATORS, AND STUDENTS. THE THIRD PART CONTAINS INDEPTH COVERAGE OF THE SUBJECT, AND THE FOURTH IS A BRIEF LIST OF REFERENCES. (AUTHOR/NJ)

**VT 102 228**

VETERINARY SCIENCE TECHNOLOGY. A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM.

STATE UNIV. OF NEW YORK, DELHI. AGRICULTURAL AND TECHNICAL COLL.; KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

DEC-0-70-4431; DEC-0-72-4683

SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402

PUB DATE - 75 138P.

DESCRIPTORS - \*VETERINARY MEDICINE; \*TECHNICAL OCCUPATIONS; \*TECHNICAL EDUCATION; POST SECONDARY EDUCATION; \*CURRICULUM GUIDES; REFERENCE MATERIALS

ABSTRACT - THIS GUIDE PRESENTS A SUGGESTED CURRICULUM FOR A TRAINING PROGRAM IN VETERINARY SCIENCE TECHNOLOGY, WITH AN OPTION IN MEAT INSPECTION AND REGULATORY TECHNOLOGY. IT IS INTENDED TO AID THE STATES IN PLANNING AND DEVELOPING TWO-YEAR POSTSECONDARY PROGRAMS OR IN EVALUATING EXISTING PROGRAMS. THE GUIDE ALSO INCLUDES SUGGESTED COURSE OUTLINES WITH ACCOMPANYING EXAMPLES OF TEXTS, REFERENCES, AND INSTRUCTIONAL MEDIA; A SEQUENCE OF TECHNICAL EDUCATION PROCEDURES; LABORATORY LAYOUTS WITH EQUIPMENT AND COSTS; A DISCUSSION OF THE LIBRARY AND ITS USE; AND A SELECTED LIST OF SCIENTIFIC, TRADE, AND TECHNICAL SOCIETIES CONCERNED WITH THIS TECHNOLOGY. (AUTHOR/NJ)

**VT 102 229**

STABER, RICHARD; EVERETT, CARL. DEVELOPMENT OF MODULAR COURSES IN VOCATIONAL CURRICULUM TO FACILITATE INDIVIDUALIZED SCHEDULING TO MEET THE OCCUPATIONAL OBJECTIVES OF EACH STUDENT.

CENTRAL COLUMBIA HIGH SCHOOL, BLOOMSBURG, PA. PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL, AND CONTINUING EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - 22AUG74 163P.

DESCRIPTORS - \*CAREER EDUCATION; \*SCHEDULE MODULES; \*CURRICULUM DEVELOPMENT; PROGRAM DESCRIPTIONS; ELEMENTARY GRADES; MIDDLE SCHOOLS; SECONDARY GRADES; OCCUPATIONAL GUIDANCE

ABSTRACT - THIS DOCUMENT DESCRIBES THE PROGRAM OF ADJUSTMENT ADOPTED BY THE CENTRAL COLUMBIA HIGH SCHOOL IN BLOOMSBURG, PENNSYLVANIA TO FACILITATE THE TRANSITION TO CAREER EDUCATION. THE ELECTIVE SEMESTER COURSE SYSTEM WAS ADOPTED TO ENABLE THE STUDENTS TO TAKE ADVANTAGE OF AS MANY COURSE OFFERINGS AS POSSIBLE. A FULL-TIME GUIDANCE COUNSELOR WAS HIRED TO WORK EXCLUSIVELY WITH THE VOCATIONAL STUDENTS TO ATTEMPT TO MEET THEIR PARTICULAR NEEDS. ANNUAL TEACHER WORKSHOPS WERE HELD TO FAMILIARIZE TEACHERS WITH THE CONCEPTS OF CAREER EDUCATION AND WITH WAYS TO INCORPORATE CAREER EDUCATION INTO THE CLASSROOM EXPERIENCE. ALTHOUGH MANY NEW CAREER-RELATED COURSES WERE ADDED AT THE HIGH SCHOOL LEVEL AND AT THE ELEMENTARY AND MIDDLE SCHOOL LEVELS, CAREER EDUCATION WAS INFUSED INTO EXISTING COURSES ELIMINATING THE NEED FOR MASSIVE CURRICULUM CHANGE. AN IMPORTANT FEATURE OF THE PROGRAM WAS THE UTILIZATION OF A COMPUTER TO EXPEDITE SCHEDULING. APPENDIXES TO THE REPORT LIST COURSE OFFERINGS, A FOLLOWUP GRADUATE CAREER SURVEY, AND OTHER PROJECT-RELATED



## MATERIALS. (NJ)

## VT 102 230

HARRISON, R.W.; AND OTHERS  
SUPERVISED OCCUPATIONAL EXPERIENCE  
RECORD FORMS FOR ORNAMENTAL  
HORTICULTURE. (REVISED)

PENNSYLVANIA STATE UNIV.,  
UNIVERSITY PARK. DEPT. OF  
AGRICULTURAL EDUCATION.  
PENNSYLVANIA STATE DEPT. OF  
EDUCATION, HARRISBURG. BUREAU OF  
VOCATIONAL, TECHNICAL, AND  
CONTINUING EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 74 325P.

DESCRIPTORS - \*ORNAMENTAL  
HORTICULTURE; FLORICULTURE;  
LANDSCAPING; TURF MANAGEMENT;  
GREENHOUSES; \*HIGH SCHOOL  
CURRICULUM; NURSERIES  
(HORTICULTURE); \*VOCATIONAL  
AGRICULTURE; WORK EXPERIENCE;  
\*WORKSHEETS

ABSTRACT - THESE WORKSHEETS HAVE  
BEEN DEVELOPED FOR USE WITH ANY  
PRODUCTION OCCUPATIONAL OR WORK  
EXPERIENCE RECORD BOOK FOR HIGH  
SCHOOL VOCATIONAL AGRICULTURE  
PROGRAMS. SEPARATE UNITS HAVE BEEN  
DEVELOPED FOR EACH OF ELEVEN AREAS  
IN ORNAMENTAL HORTICULTURE, SO THE  
STUDENT AND TEACHER CAN SELECT THE  
APPROPRIATE ONE, OR SEVERAL, FOR  
THE EXPERIENCES PLANNED BY THE  
STUDENT. THE AREAS ARE FLOWER SHOP  
EMPLOYEE, GREENHOUSE CROPS,  
LANDSCAPE MAINTENANCE AND  
ESTABLISHMENT, NURSERY PRODUCTION,  
FIELD GROWN TREES, FIELD GROWN  
SHRUBS, CONTAINER GROWN PLANTS, AND  
TURFGRASS MAINTENANCE,  
ESTABLISHMENT, AND PRODUCTION.  
WITHIN EACH AREA, THE FIVE  
FOLLOWING RECORD SHEETS ARE  
PROVIDED: APPROVED PRACTICES,  
GOALS, EFFICIENCY FACTORS, COST  
ACCOUNTING OR EMPLOYMENT  
ACHIEVEMENT, AND ANALYSIS.  
(AUTHOR/KJ)

## VT 102 231

CRUNKILTON, JOHN R.  
TEACHING THE DISADVANTAGED. A

CURRICULUM GUIDE FOR CLASSES OF  
DISADVANTAGED STUDENTS IN  
AGRICULTURAL EDUCATION PROGRAMS.

VIRGINIA POLYTECHNIC INST. AND  
STATE UNIV., BLACKSBURG. DIV. OF  
VOCATIONAL-TECHNICAL EDUCATION.  
VIRGINIA STATE DEPT. OF EDUCATION,  
RICHMOND. AGRICULTURAL EDUCATION  
SERVICE.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - MAR75 38P.

DESCRIPTORS - \*DISADVANTAGED YOUTH;  
\*CURRICULUM GUIDES; \*AGRICULTURAL  
EDUCATION; \*TRADE AND INDUSTRIAL  
EDUCATION

ABSTRACT - THIS GUIDE WAS DEVELOPED  
TO ASSIST TEACHERS IN CONDUCTING  
EDUCATIONAL PROGRAMS FOR THE  
DISADVANTAGED. ALTHOUGH SPECIFIC  
OBJECTIVES SHOULD BE DETERMINED BY  
THE INDIVIDUAL TEACHER, THIS  
PROGRAM IS DESIGNED TO HELP THE  
STUDENT UNDERSTAND HIMSELF, ADAPT  
TO FAMILY, SCHOOL, AND COMMUNITY  
LIFE, DEVELOP SKILLS AND WORK  
ATTITUDES, AND BECOME AWARE OF  
EMPLOYMENT OPPORTUNITIES IN  
AGRICULTURE AND INDUSTRY. THE GUIDE  
IS DIVIDED INTO ENTERPRISES, UNITS,  
AND PROBLEM AREAS. INSTRUCTIONAL  
AREAS PRESENTED ARE NOT INTENDED TO  
BE TAUGHT WITHIN ONE SCHOOL YEAR.  
AGRICULTURAL, VOCATIONAL, AND  
INDUSTRIAL EDUCATION ENTERPRISES  
INCLUDE SUCH OCCUPATIONS AS  
FORESTRY, OFF-FARM AGRICULTURE,  
METAL WORKING, ORNAMENTAL  
HORTICULTURE, WOODWORKING,  
PLUMBING, MASONRY, ELECTRICITY, AND  
AGRICULTURE. (KJ)

## VT 102 232

LEE, JASPER S.  
THE IMPORTANCE OF WORK: EXPLORING  
AGRICULTURAL CAREERS.

VIRGINIA POLYTECHNIC INST. AND  
STATE UNIV., BLACKSBURG. DIV. OF  
VOCATIONAL-TECHNICAL EDUCATION.  
VIRGINIA STATE DEPT. OF EDUCATION,  
RICHMOND. AGRICULTURAL EDUCATION  
SERVICE.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

PUB-AB-4  
PUB DATE - 75 24P.; RELATED  
DOCUMENT VT 102 233 IN THIS ISSUE.

DESCRIPTORS - \*SECONDARY SCHOOL  
STUDENTS; \*CLASSROOM MATERIALS;  
\*CAREER PLANNING; \*AGRICULTURAL  
OCCUPATIONS  
IDENTIFIERS - CAREER EXPLORATION;  
WORLD OF WORK; WORK ETHIC

ABSTRACT - THIS PUBLICATION IS  
DESIGNED FOR USE IN TEACHING  
STUDENTS ABOUT CAREERS AND THE  
IMPORTANCE OF WORK. IT HAS BEEN  
WRITTEN FOR STUDENTS WITH AT LEAST  
A SEVENTH GRADE READING ABILITY AND  
MAY BE USED BY THE STUDENT OR AS A  
RESOURCE AID BY THE INSTRUCTOR. THE  
SUBJECT MATTER IS OF AN  
INTRODUCTORY NATURE AND DEALS WITH  
INITIAL QUESTIONS STUDENTS MAY HAVE  
ABOUT THE WORK EXPERIENCE. TOPICS  
INCLUDED ARE: THE WORLD OF WORK AND  
AGRICULTURAL WORK, DISTINCTION  
BETWEEN CAREERS, OCCUPATIONS, AND  
JOBS, REASONS FOR WORKING, LEVEL OF  
LIVING RELATED TO WORK, WORK  
ATTITUDES, REASONS WHY YOUTH SHOULD  
STUDY ABOUT WORK, THE NECESSITY OF  
PLANNING A CAREER, AND AN  
EXPLANATION OF CAREER EDUCATION. A  
LIST OF POSSIBLE DISCUSSION  
QUESTIONS, ACTIVITIES, AND  
REFERENCES CONCERNING AGRICULTURAL  
CAREERS IS INCLUDED. (KJ)

VT 102 233  
LEE, JASPER S.  
THE PRESENT WORLD OF WORK:  
EXPLORING AGRICULTURAL CAREERS.

VIRGINIA POLYTECHNIC INST. AND  
STATE UNIV., BLACKSBURG. DIV. OF  
VOCATIONAL-TECHNICAL EDUCATION.  
VIRGINIA STATE DEPT. OF EDUCATION,  
RICHMOND. AGRICULTURAL EDUCATION  
SERVICE.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

PUB-AB-5  
PUB DATE - 75 40P.; RELATED  
DOCUMENT VT 102 232 IN THIS ISSUE.

DESCRIPTORS - \*HIGH SCHOOL  
STUDENTS; VOCATIONAL AGRICULTURE;  
\*CLASSROOM MATERIALS; WORK  
ENVIRONMENT; WORKING HOURS; LABOR

UNIONS; \*LABOR LEGISLATION;  
OCCUPATIONAL INFORMATION;  
\*EMPLOYMENT PRACTICES; EMPLOYMENT  
TRENDS; \*AGRICULTURAL OCCUPATIONS;  
AGRIBUSINESS  
IDENTIFIERS - CAREER EXPLORATION;  
WORLD OF WORK

ABSTRACT - THIS PUBLICATION IS  
DESIGNED FOR USE IN TEACHING  
STUDENTS ABOUT CAREERS AND THE  
IMPORTANCE OF WORK. IT IS THE  
SECOND IN A SERIES AND MAY BE USED  
IN CONJUNCTION WITH THE PRECEDING  
DOCUMENT, "EXPLORING AGRICULTURAL  
CAREERS: THE IMPORTANCE OF WORK"  
(VT 102 232 IN THIS ISSUE), OR  
SINGLY. THE OCCUPATIONAL  
INFORMATION IS DIRECTED TOWARD HIGH  
SCHOOL STUDENTS ENROLLED IN  
AGRICULTURAL CLASSES AND MAY BE  
USED IN THE CLASSROOM OR AS A  
RESOURCE AID BY THE INSTRUCTOR. THE  
SUBJECT MATTER COVERS THE  
DEVELOPMENT AND STRUCTURE OF WORK  
AND DEALS WITH QUESTIONS APPLICABLE  
TO THE PRESENT SYSTEM OF  
EMPLOYMENT. TOPICS INCLUDED ARE:  
THE NATURE OF WORK AND ITS CHANGES,  
WHERE PEOPLE WORK, HOW WORK IS  
ORGANIZED, TRENDS IN WORKING  
CONDITIONS, ROLE OF LABOR UNIONS,  
SALARIES AND BENEFITS, EMPLOYMENT  
LEGISLATION, AREAS OF GREATEST  
OPPORTUNITY, AND THE POSSIBILITY OF  
OWNING A BUSINESS. A LIST OF  
POSSIBLE DISCUSSION QUESTIONS,  
ACTIVITIES, AND REFERENCES IS  
INCLUDED. (KJ)

VT 102 234  
LEE, JASPER S., COMP.  
FOOD PRESERVATION MANUAL. A GUIDE  
FOR SCHOOL-COMMUNITY CANNERIES IN  
VIRGINIA.

VIRGINIA POLYTECHNIC INST. AND  
STATE UNIV., BLACKSBURG. DIV. OF  
VOCATIONAL-TECHNICAL EDUCATION.  
VIRGINIA STATE DEPT. OF EDUCATION,  
RICHMOND. AGRICULTURAL EDUCATION  
SERVICE.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

PUB DATE - 75 118P.

DESCRIPTORS - \*FOOD PROCESSING  
OCCUPATIONS; \*NUTRITION

INSTRUCTION; \*INSTRUCTIONAL MATERIALS; VOCATIONAL AGRICULTURE TEACHERS; \*PRESERVATION; FOOD; SCHOOL COMMUNITY COOPERATION IDENTIFIERS - VIRGINIA; \*CANNING

ABSTRACT - THIS GUIDE DETAILS THE OPERATIONS FOR THE PROPER PROCESSING OF FOOD IN SCHOOL-COMMUNITY CANNERIES IN VIRGINIA. BECAUSE DAY-TO-DAY OPERATION OF THE CANNERIES IS OFTEN UNDER THE DIRECTION OF A LAY INSTRUCTOR AND ASSISTANTS, THE TERMINOLOGY HAS BEEN SIMPLIFIED TO REQUIRE ONLY A MINIMUM OF FORMAL INSTRUCTION IN FOOD SCIENCE. THE THREE SECTIONS OF THE GUIDE PRESENT A SUMMARY OF FUNDAMENTAL CONSIDERATIONS IN FOOD PRESERVATION AND CANNERY OPERATION, DETAILED PROCEDURES FOR CANNING SPECIFIC FOOD PRODUCTS, AND A VARIETY OF LESSON PLANS AND INSTRUCTIONAL MATERIALS FOR USE BY THE INSTRUCTOR IN TEACHING NUTRITION AND FOOD PRESERVATION. AN AVAILABILITY SOURCE LIST OF FOOD PRESERVATION INSTRUCTIONAL MATERIALS IS APPENDED. (AUTHOR/KJ)

VT 102 235

POWELL, LARRY E.  
PAINTS AND PRESERVATIVES.  
CURRICULUM MATERIALS FOR  
AGRICULTURE EDUCATION.

VIRGINIA POLYTECHNIC INST. AND  
STATE UNIV., BLACKSBURG. DIV. OF  
VOCATIONAL-TECHNICAL EDUCATION.  
VIRGINIA STATE DEPT. OF EDUCATION,  
RICHMOND. AGRICULTURAL EDUCATION  
SERVICE.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 75 79P.

DESCRIPTORS - \*CURRICULUM GUIDES;  
INSTRUCTIONAL MATERIALS;  
\*AGRICULTURAL ENGINEERING;  
\*VOCATIONAL AGRICULTURE; EQUIPMENT  
UTILIZATION; JOB SKILLS; \*PAINTING;  
PRESERVATION; BUILDING TRADES

ABSTRACT - THIS CURRICULUM  
MATERIAL, FOR USE BY VOCATIONAL  
AGRICULTURE TEACHERS, PRESENTS  
TEACHING OUTLINES ON PROBLEM AREAS  
CONCERNING PAINTS AND

PRESERVATIVES. TEACHER AND STUDENT  
OBJECTIVES AND ACTIVITIES ARE SET  
FORTH WITH AN OVERALL EVALUATION  
FORM TO GUAGE STUDENT PROGRESS.  
TECHNICAL INFORMATION IS PROVIDED  
AS AN AID TO THE INSTRUCTOR AND A  
LIST OF REFERENCES AND GLOSSARY OF  
TERMS FOR TEACHER AND STUDENT USE  
IS INCLUDED. FOURTEEN PAGES OF  
TRANSPARENCY MASTERS ARE PROVIDED  
TO ASSIST WITH THE INSTRUCTION OF  
OPERATING AND USING POWER SPRAY  
PAINTING EQUIPMENT. (AUTHOR/KJ)

VT 102 236

BURHOE, STEVEN A.  
HOUSEHOLD PETS: CARE, FEEDING AND  
OCCUPATIONAL OPPORTUNITIES.  
CURRICULUM MATERIALS FOR  
AGRICULTURAL EDUCATION.

VIRGINIA POLYTECHNIC INST. AND  
STATE UNIV., BLACKSBURG. DIV. OF  
VOCATIONAL-TECHNICAL EDUCATION.  
VIRGINIA STATE DEPT. OF EDUCATION,  
RICHMOND. AGRICULTURAL EDUCATION  
SERVICE.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 75 68P.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*ANIMAL SCIENCE; \*VOCATIONAL  
AGRICULTURE; JOB SKILLS; \*ANIMAL  
CARETAKERS; EMPLOYMENT  
QUALIFICATIONS; INSTRUCTIONAL  
MATERIALS; OCCUPATIONAL  
INFORMATION; EMPLOYMENT  
OPPORTUNITIES; \*VETERINARY  
ASSISTANTS

ABSTRACT - THIS CURRICULUM  
MATERIAL, FOR USE BY VOCATIONAL  
AGRICULTURE TEACHERS, PRESENTS A  
TEACHING OUTLINE FOR OCCUPATIONS IN  
THE CARE AND FEEDING OF HOUSEHOLD  
PETS, PRIMARILY DOGS AND CATS. THE  
MATERIAL IS DIVIDED INTO PROBLEM  
AREAS, AND SECTIONS ON  
UNDERSTANDING PET CARE, INFORMATION  
SOURCES ON OTHER SMALL HOUSEHOLD  
PETS, AND OCCUPATIONAL  
OPPORTUNITIES ARE INCLUDED. TEACHER  
AND STUDENT OBJECTIVES AND A LIST  
OF REFERENCES ARE PROVIDED FOR EACH  
PROBLEM AREA. A CONTENT SUMMARY,  
FOR INSTRUCTOR USE ONLY, LISTS THE  
MATERIALS IN THE REFERENCES AND

RELATES THEM TO THE SECTION ON STUDENT PROBLEMS AND CONCERNS. NEITHER THE CONTENT SUMMARY NOR THE PROBLEMS AND CONCERNS SECTION IS COMPREHENSIVE AND MAY BE EXPANDED BY TEACHER AND STUDENTS. SUGGESTIONS FOR USE AND TYPE OF VISUAL AIDS AND EQUIPMENT AND SPECIAL EVENTS AND ACTIVITIES ARE PROVIDED AS WELL AS POSSIBLE OCCUPATIONAL EXPERIENCE ACTIVITIES AND TESTING. (AUTHOR/KJ)

#### VT 102 237

HEALTH OCCUPATIONS EDUCATION. SUGGESTED CURRICULUM GUIDE FOR NURSING ASSISTANT.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. TRADE AND INDUSTRIAL EDUCATION SERVICE. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. OEG-3-74-0120  
CG-3

PUB DATE - JUN75 119P.; RELATED DOCUMENT VT 102 238 IN THIS ISSUE.

DESCRIPTORS - \*STATE CURRICULUM GUIDES; TEACHER DEVELOPED MATERIALS; \*CLINICAL EXPERIENCE; SECONDARY SCHOOLS; \*LESSON PLANS; \*NURSES AIDES; \*INSTRUCTIONAL MATERIALS; JOB SKILLS; HEALTH OCCUPATIONS EDUCATION IDENTIFIERS - VIRGINIA

ABSTRACT - THIS CURRICULUM GUIDE WAS DEVELOPED TO SERVE AS A STATEWIDE MODEL FOR NURSING ASSISTANT PROGRAMS IN VIRGINIA. IT IS DESIGNED FOR 270 HOURS OF THEORY AND 200 HOURS OF CLINICAL INSTRUCTION. THE MATERIAL WAS DEVELOPED BY A GROUP OF VIRGINIA HEALTH ASSISTANT AND PRACTICAL NURSING INSTRUCTORS IN A SPECIAL CURRICULUM WORKSHOP FOR USE IN SECONDARY PUBLIC SCHOOLS. THE SUBJECT MATTER INCLUDES ORIENTATION, HUMAN BEHAVIOR, MEDICAL COMMUNICATION SKILLS, ASEPSIS, NUTRITION, SAFETY, BODY SYSTEMS AND DISORDERS, BASIC

SKILLS, ADMISSION, TRANSFER, DISCHARGE, DEATH, AND MATERNAL AND INFANT CARE. EACH UNIT OF STUDY INCLUDES EXPECTED BEHAVIORAL OUTCOMES, SUBJECT CONTENT, SUGGESTED ACTIVITIES, AND EVALUATION/ASSIGNMENT. EVALUATION MATERIALS ARE PROVIDED IN A RELATED DOCUMENT, VT 102 238 IN THIS ISSUE, AND MAY BE USED TO COMPLEMENT THIS CURRICULUM GUIDE. SAMPLE LESSON PLANS ARE PROVIDED AND SHOULD BE DEVELOPED AND IMPLEMENTED TO PREPARE THE STUDENT FOR THE TECHNICAL AND PERSONAL CARE OF PATIENTS UNDER THE DIRECTION OF LICENSED HEALTH WORKERS. REFERENCES INCLUDE AVAILABILITY LISTINGS OF PUBLICATIONS, FILMSTRIPS, FILMS, TRANSPARENCIES, GROOMING KITS, POSTERS, AND PAMPHLETS. (KJ)

#### VT 102 238

HEALTH OCCUPATIONS EDUCATION EVALUATION MATERIALS FOR NURSING ASSISTANT PROGRAMS.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. TRADE AND INDUSTRIAL EDUCATION SERVICE. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. OEG-3-74-0120  
CG-4

PUB DATE - JUN75 316P.; RELATED DOCUMENT VT 102 237 IN THIS ISSUE.

DESCRIPTORS - TEACHER DEVELOPED MATERIALS; SECONDARY SCHOOLS; HEALTH OCCUPATIONS EDUCATION; \*NURSES AIDES; \*TESTS; \*TASK PERFORMANCE; \*STUDENT EVALUATION

ABSTRACT - THIS EVALUATION GUIDE WAS DEVELOPED FOR USE WITH NURSING ASSISTANT PROGRAMS IN SECONDARY SCHOOLS, REHABILITATION CENTERS, AND HOSPITALS. INSTRUCTORS MAY UTILIZE THE GUIDE AS ASSIGNMENT SHEETS OR AS UNIT TESTS. THESE INSTRUCTOR-DEVELOPED MATERIALS PROVIDE FOR EVALUATION AND TESTING OF UNITS INCLUDING THE FOLLOWING SUBJECT MATTER: ORIENTATION, HUMAN



BEHAVIOR, MEDICAL COMMUNICATION SKILLS, ASEPSIS, NUTRITION, SAFETY, BODY SYSTEMS AND DISORDERS, BASIC SKILLS, MATERNAL AND INFANT CARE, ADMISSION, TRANSFER, DISCHARGE, AND DEATH. THE UNITS IN THIS GUIDE CORRESPOND TO THE MATERIALS INCLUDED IN THE CURRICULUM GUIDE FOR NURSING ASSISTANTS, VT 102 237 IN THIS ISSUE, AND THESE DOCUMENTS MAY BE USED IN A COMPLEMENTARY MANNER. VARIOUS TESTING FORMATS ARE EMPLOYED INCLUDING MULTIPLE CHOICE, MATCHING, TRUE/FALSE, ESSAY QUESTIONS, AND TASK PERFORMANCE CHECKLISTS FOR STUDENT EVALUATION BY THE INSTRUCTOR. (AUTHOR/KJ)

#### VT 102 239

ANMUTH, ELLIS

HOW TO SUCCEED IN A SCHOOL BUSINESS BY REALLY TRYING: A GUIDE TO THE SET-UP AND OPERATION OF A SCHOOL BUSINESS.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

PUB-0015

VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS - THE STATE UNIVERSITY, BUILDING 4103 - KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY. 08903. (\$1.50 EA.)

PUB DATE - JUL 75 44P.

DESCRIPTORS - \*RETAILING; \*MERCHANDISING; \*RECORDKEEPING; \*TEACHING GUIDES; BUSINESS EDUCATION; \*VOCATIONAL DEVELOPMENT IDENTIFIERS - \*SCHOOL STORES

ABSTRACT - PROCEDURES FOR SETUP AND OPERATION OF A SCHOOL OR CLASS BUSINESS ARE PROVIDED FOR THE TEACHER IN THIS BASIC GUIDE. STEPS FOR PLANNING, RUNNING, AND CLOSING OUT A BUSINESS ARE PRESENTED. THE GUIDE IS DESIGNED FOR THE ELEMENTARY LEVEL, BUT EACH STEP IS ADAPTABLE FOR USE AT ANY LEVEL FROM PRIMARY GRADES THROUGH HIGH SCHOOL. MANY OPTIONS ARE INCLUDED, SO THAT ALL STEPS AND PROCESSES MAY BE

ADJUSTED TO SUIT INDIVIDUAL NEEDS AND GOALS. APPENDED ARE DECISIONMAKING AND OCCUPATIONAL AREAS, POSSIBLE OBJECTIVES, ACTIVITIES, FORMS AND CHARTS, AND EXAMPLES OF ADVERTISING WHICH HAVE BEEN USED BY STUDENTS. (AUTHOR/MF)

#### VT 102 240

PHYSICAL EDUCATION FOR TOMORROW.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C17, \$8.00 EA.)

PUB DATE - 74 23P.

DESCRIPTORS - \*CAREER EDUCATION; \*CAREER AWARENESS; \*TEACHING GUIDES; LEARNING ACTIVITIES; INTEGRATED CURRICULUM; \*PHYSICAL EDUCATION; ART EDUCATION; PRESCHOOL CHILDREN; GRADE 1; GRADE 2; KINDERGARTEN; \*EARLY CHILDHOOD EDUCATION

ABSTRACT - THE LEARNING EXPERIENCES IN THIS TEACHER'S GUIDE ARE BUILT UPON THE CONCEPT OF MOVEMENT EXPLORATION. SELF-AWARENESS IS REALIZED AS STUDENTS DISCOVER POTENTIALS FOR PERFORMING BASIC MOTOR SKILLS AND EXPLORE CREATIVE MOVEMENT. INTENDED FOR USE AT THE PRESCHOOL AND PRIMARY LEVELS, THE GUIDE SUGGESTS AND DESCRIBES WAYS FOR THE TEACHER TO INTRODUCE AND DEVELOP LARGE AND SMALL MUSCLE SKILLS AND LATER RELATE THEIR USE TO CAREER INFORMATION. THE CAREER AWARENESS THEME IS THREADED THROUGHOUT THE LEARNING EXPERIENCES IN THE FORM OF PANTOMIMING CERTAIN OCCUPATIONAL ROLES, PRETENDING OR ROLE PLAYING, AND GAMES. INVOLVEMENT IN THE PRODUCTION OF A CIRCUS PROVIDES PRACTICAL APPLICATION OF CONCEPTS AND SKILLS, AND OPPORTUNITIES FOR CAREER AWARENESS. PRIMARY EMPHASIS IS ON PHYSICAL EDUCATION, BUT TEACHERS MAY FIND SOME OF THE ACTIVITIES USEFUL IN THE AREAS OF MUSIC, ART,

AND SOCIAL STUDIES. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/KJ)

VT 102 241  
JUST ME.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C09, \$6.50 EA.)  
PUB DATE - 74 106P.

DESCRIPTORS - \*CAREER EDUCATION; \*SELF CONCEPT; \*GRADE 1; \*LANGUAGE ARTS; INTEGRATED CURRICULUM; \*TEACHING GUIDES; LEARNING ACTIVITIES

ABSTRACT - THAT BEING A SELF INVOLVES BEING DIFFERENT IS THE UNIQUE FOCUS OF THIS TEACHER'S GUIDE. THE LEARNING EXPERIENCES, DEVELOPED FOR USE AT THE GRADE ONE LEVEL, ARE DESIGNED TO MAKE EACH STUDENT AWARE OF HIMSELF THROUGH A VARIETY OF ACTIVITIES THAT POINT OUT WHAT IS UNIQUELY HIS: HIS PHYSICAL MAKEUP, HIS FAMILY, HIS FRIENDS, HIS INTERESTS, AND HIS SCHOOL. USING THE FAMILIAR ENVIRONMENT OF THE SCHOOL, STUDENTS ASSESS CAPABILITY OF SELF IN RELATIONSHIP TO A VARIETY OF ASSIGNED CLASSROOM TASKS AND TOOLS. AN EFFORT IS MADE TO SHOW THAT A VERY REAL AND IMPORTANT RELATIONSHIP EXISTS BETWEEN WHAT A STUDENT LEARNS IN SCHOOL AND WHAT THE STUDENT CHOOSES FOR A CAREER. THE SUBJECT AREA FOR WHICH THE MATERIALS IN THIS GUIDE HAVE POTENTIAL IS COMMUNICATION ARTS, I.E., ENGLISH, SPEECH, AND LANGUAGE ARTS. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND

SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 242  
MYSELF AND OTHERS AT HOME AND SCHOOL.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C11, \$8.00 EA.)  
PUB DATE - 74 155P.

DESCRIPTORS - \*CAREER EDUCATION; \*SELF CONCEPT; GRADE 1; GRADE 2; GRADE 3; INTEGRATED CURRICULUM; \*SOCIAL STUDIES; \*LANGUAGE ARTS; FAMILY RELATIONSHIP; TEACHING GUIDES; \*PRIMARY EDUCATION

ABSTRACT - WITHIN THE CONTEXT OF FAMILY AND SCHOOL, STUDENTS IN PRIMARY GRADES ARE ENCOURAGED TO DEAL WITH AN EXPANDED IDEA OF SELF. THE LEARNING EXPERIENCES IN THIS TEACHER'S GUIDE ARE DESIGNED TO HELP THIS SELF BECOME AWARE OF ITS INVOLVEMENT IN AN INSTITUTION CALLED FAMILY, AND OF MANY DIFFERENT ROLES PLAYED BY FAMILY MEMBERS TO ACHIEVE A VARIETY OF GOALS. INTERDEPENDENCY AND RESPONSIBILITY ARE EXPLORED. THESE BASIC CONCEPTS ARE THEN APPLIED TO ANOTHER FAMILIAR INSTITUTION -- THE SCHOOL. THE CONCEPT OF OCCUPATIONAL ROLES IS CAREFULLY DEVELOPED. THE TOPICS COVERED INCLUDE: FAMILY STRUCTURE AND ACTIVITIES PERFORMED IN THE HOME; INTERRELATIONSHIPS OF FAMILY FUNCTIONS; INTERDEPENDENCY AND RESPONSIBILITY IN THE FAMILY; ROLE PERFORMANCE IN THE HOME; FAMILY MEMBERS AND THEIR JOBS; LIVING IN A SCHOOL; CHILDREN IN A SCHOOL; SCHOOL FUNCTIONS AND OCCUPATIONAL ROLES; AND INTERDEPENDENCY AND RESPONSIBILITY IN THE SCHOOL. SUBJECT AREAS FOR WHICH THE MATERIALS IN THIS GUIDE HAVE POTENTIAL ARE SOCIAL STUDIES AND LANGUAGE ARTS. EACH SET OF LEARNING EXPERIENCES CONTAINS A

**STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/KJ)**

**VT 102 243**

**COMMUNICATION AND YOU.**

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C. DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C29, \$7.00 EA.)  
PUB DATE - 75 100P.

**DESCRIPTORS - \*CAREER EDUCATION; \*LANGUAGE ARTS; LEARNING ACTIVITIES; \*TEACHING GUIDES; INTEGRATED CURRICULUM; \*GRADE 7; \*COMMUNICATION (THOUGHT TRANSFER); SELF CONCEPT; INTERPERSONAL RELATIONSHIP**

**ABSTRACT - HELPING STUDENTS TO RECOGNIZE AND UNDERSTAND THEIR OWN ATTITUDES AND THE ATTITUDES AND FEELINGS OF OTHERS, WITH SPECIAL EMPHASIS ON HOW THOSE FEELINGS ARE COMMUNICATED AND DEALT WITH IS THE PURPOSE OF THIS TEACHER'S GUIDE. GRADE SEVEN STUDENTS, IN DECODING EACH OTHER'S MESSAGES AND DISCUSSING ATTITUDES AND FEELINGS, DISCOVER THE COMPLEXITIES OF COMMUNICATION. THEY PRACTICE COMMUNICATION SKILLS IN ROLE-PLAYING SITUATIONS AND DEVELOP ADJUSTMENT SKILLS NEEDED WHEN INTERPERSONAL DIFFERENCES MUST BE RESOLVED. SOME OF THE TOPICS COVERED INCLUDE COMMUNICATION SYMBOLS, LANGUAGE, THE COMMUNICATION PROCESS, ATTITUDES, ADJUSTMENT SKILLS, AND IDENTIFYING INTERRELATIONSHIPS. THE SUBJECT AREA FOR WHICH THE MATERIALS IN THIS GUIDE HAVE POTENTIAL IS LANGUAGE. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY**

**ACTIVITIES. (AUTHOR/NJ)**

**VT 102 244**

**UNDERSTANDING SELF.**

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C. DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C15, \$5.50 EA.)  
PUB DATE - 74 77P.

**DESCRIPTORS - \*CAREER EDUCATION; \*TEACHING GUIDES; LEARNING ACTIVITIES; INTEGRATED CURRICULUM; COMMUNICATION (THOUGHT TRANSFER); SOCIAL STUDIES; HOME ECONOMICS; \*SELF CONCEPT; DECISION MAKING; \*SECONDARY SCHOOL STUDENTS IDENTIFIERS - \*CAREER EXPLORATION**

**ABSTRACT - THE LEARNING EXPERIENCES IN THIS TEACHER'S GUIDE FOCUS UPON HELPING STUDENTS AT THE SECONDARY LEVEL DEVELOP UNDERSTANDING OF THEMSELVES AS INDIVIDUALS AND RECOGNITION THAT OTHERS MAY NOT PERCEIVE THEM AS THEY SEE THEMSELVES. EACH STUDENT IS ENCOURAGED TO LOOK AT HIMSELF, TO EXAMINE HIS FEELINGS REALISTICALLY AND EXPLORE HIS SELF-IMAGE, AND THEN TO TRY TO LOOK AT OTHERS IN THE SAME MANNER. THESE CONCEPTS ARE THEN RELATED TO OCCUPATIONAL EXPLORATION AND TENTATIVE OCCUPATIONAL DECISIONS. THE LEARNING EXPERIENCES GIVE STUDENTS THE OPPORTUNITY TO FOCUS ON INDIVIDUAL GOALS AND VALUES AND THEN TIE TOGETHER ALL THAT THEY HAVE DISCOVERED TO FORM THE FULLEST POSSIBLE PICTURE OF THEMSELVES. CAREER EDUCATION ELEMENTS EMPHASIZED IN THIS GUIDE ARE SELF-AWARENESS, CAREER AWARENESS, AND DECISIONMAKING. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)**

VT 102 245

YOUR PERSONALITY, YOUR HEALTH, YOUR JOB.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C30, \$7.50 EA.)

PUB DATE - 74 100P.

DESCRIPTORS - \*CAREER EDUCATION; \*TEACHING GUIDES; LEARNING ACTIVITIES; \*SECONDARY SCHOOL STUDENTS; NONVERBAL COMMUNICATION; HYGIENE; NUTRITION; PHYSICAL FITNESS; JOB SATISFACTION; \*PERSONALITY; \*HEALTH; INTEGRATED CURRICULUM; INDIVIDUAL CHARACTERISTICS

ABSTRACT - THE LEARNING EXPERIENCES IN THIS TEACHER'S GUIDE ARE AIMED AT HELPING SECONDARY SCHOOL STUDENTS DEVELOP AN AWARENESS OF AND AN APPRECIATION FOR THEIR INDIVIDUALITY, NEEDS, AND JOBS. THEY EXAMINE THEIR INTERACTION WITH OTHERS, THE ROLE OF NONVERBAL BEHAVIOR, INFLUENCES UPON THE PERSONALITY, PERSONAL HYGIENE STANDARDS, NUTRITION, AND PHYSICAL FITNESS IN THAT INTERACTION. THESE CONCERNS ARE ADDITIONALLY EXAMINED IN TERMS OF THEIR IMPLICATIONS FOR FULFILLMENT OF LIFE ROLES. FINALLY THE STUDENTS CONSIDER SELF-SATISFACTION AND WORK SATISFACTION -- THE DEGREE TO WHICH THEY ARE INTERDEPENDENT AND FUNCTION AS GOALS IN LIFE, AND THE WAYS IN WHICH THEY ARE RELATED TO RIGHTS AND RESPONSIBILITIES OF WORKERS. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 246

SELF-APPRAISAL FOR DECISION MAKING AND CAREER PLANNING.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C23, \$5.50 EA.)

PUB DATE - 74 79P.

DESCRIPTORS - \*TEACHING GUIDES; LEARNING ACTIVITIES; \*SELF CONCEPT; PERSONAL VALUES; \*DECISION MAKING; \*CAREER PLANNING; INTEGRATED CURRICULUM; CAREER EDUCATION; \*GRADE 10; SENIOR HIGH SCHOOLS IDENTIFIERS - CAREER PREPARATION

ABSTRACT - THE LEARNING EXPERIENCES IN THIS TEACHER'S GUIDE ARE INTENDED TO LEAD THE TENTH GRADE STUDENT TO SELF-AWARENESS, PARTICULARLY IN RELATION TO THE STUDENT'S INTERESTS, ATTITUDES, ACHIEVEMENTS, AND VALUES. HOWEVER, THIS GUIDE ALSO IS APPLICABLE TO ALL SENIOR HIGH SCHOOL STUDENTS. EACH STUDENT HAS THE OPPORTUNITY TO EXPLORE PROCESSES OF PLANNING AND PREREQUISITES FOR CAREER DECISIONS. SUBJECT AREAS FOR WHICH THE MATERIALS IN THIS GUIDE HAVE POTENTIAL ARE ENGLISH, LANGUAGE ARTS, SOCIAL STUDIES, AND COMMUNICATIONS. SOME OF THE TOPICS COVERED INCLUDE: PERSONAL INTERESTS AND ACHIEVEMENTS, PERSONAL AND SOCIETAL VALUES; UNDERSTANDING SUCCESS; EXPLORING THE DECISIONMAKING PROCESS; VALUES, NEEDS, AND LIFESTYLES; AND JOB APPLICATIONS AND INTERVIEWS. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 247

ECONOMIC AND CAREER AWARENESS: LEVEL A.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.



NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#C01, \$6.50 EA.)

PUB DATE - 74 105P.; RELATED  
DOCUMENTS VT 102 247 THROUGH VT 102  
249 IN THIS ISSUE.

DESCRIPTORS - \*CAREER AWARENESS;  
CAREER EDUCATION; GRADE 1; GRADE 2;  
GRADE 3; GRADE 4; \*TEACHING GUIDES;  
LEARNING ACTIVITIES; MATHEMATICS;  
SOCIAL STUDIES; INTEGRATED  
CURRICULUM; \*CONSUMER EDUCATION;  
\*MONEY MANAGEMENT; \*ECONOMIC  
EDUCATION

ABSTRACT - THIS TEACHER'S GUIDE IS  
THE FIRST IN A SERIES OF THREE  
DEVELOPED FOR PRIMARY AND EARLY  
INTERMEDIATE LEVELS. THE LEARNING  
EXPERIENCES FOCUS ON HELPING  
STUDENTS TO DEVELOP AN  
UNDERSTANDING OF THE FAMILY AS AN  
ECONOMIC UNIT, TO ACQUIRE  
ELEMENTARY CLASSIFICATION SKILLS,  
TO APPRECIATE THE PRIORITY FAMILIES.  
MUST PLACE ON SATISFYING BASIC  
ECONOMIC NEEDS, AND TO RECOGNIZE  
THAT THERE ARE SIMILARITIES AND  
DIFFERENCES AMONG THE NEEDS AND  
WANTS OF VARIOUS FAMILIES. STUDENTS  
ARE GIVEN OPPORTUNITIES TO BEGIN TO  
ATTAIN SELF-SUFFICIENCY AS  
CONSUMERS BY LEARNING TO READ PRICE  
TAGS, COUNT MONEY, AND MAKE CHANGE.  
SUBJECT AREAS FOR WHICH THE  
MATERIALS IN THIS GUIDE HAVE  
POTENTIAL ARE SOCIAL STUDIES AND  
MATH. EACH SET OF LEARNING  
EXPERIENCES CONTAIN A STUDENT  
OBJECTIVE, SET OVERVIEW, RESOURCE  
LIST, TEACHER-PREPARATION TASKS,  
LEARNING ACTIVITIES, AND  
SUGGESTIONS FOR EVALUATION-SUMMARY  
ACTIVITIES. (AUTHOR/NJ)

VT 102 248  
ECONOMIC AND CAREER AWARENESS:  
LEVEL B.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#C02, \$4.50 EA.)

PUB DATE - 74 65P.; RELATED  
DOCUMENTS VT 102 247 THROUGH VT 102  
249 IN THIS ISSUE.

DESCRIPTORS - \*CAREER AWARENESS;  
CAREER EDUCATION; GRADE 1; GRADE 2;  
GRADE 3; GRADE 4; \*TEACHING GUIDES;  
LEARNING ACTIVITIES; \*ECONOMIC  
EDUCATION; BUDGETING; \*BANKING;  
INTEGRATED CURRICULUM; SOCIAL  
STUDIES; MATHEMATICS; \*CONSUMER  
EDUCATION

ABSTRACT - THIS TEACHER'S GUIDE IS  
THE SECOND OF THREE DEVELOPED FOR  
PRIMARY AND EARLY INTERMEDIATE  
LEVELS. THE LEARNING EXPERIENCES  
FOCUS ON HELPING THE STUDENT TO  
DEVELOP AN UNDERSTANDING OF THE  
FAMILY AS AN ECONOMIC UNIT AND OF  
MONEY AS A MEDIUM OF EXCHANGE THAT  
FACILITATES TRADE; TO IDENTIFY WAYS  
OF EARNING, SAVING, AND SPENDING  
MONEY; TO RECOGNIZE THE ROLES OF  
BANKING AND BANK WORKERS IN OUR  
SOCIETY; TO APPRECIATE THE PRIORITY  
FAMILIES MUST PLACE ON SATISFYING  
BASIC ECONOMIC NEEDS; AND TO  
DISCOVER WAYS FAMILY MEMBERS CAN  
MINIMIZE THEIR OWN AND OTHERS'  
EXPENSES. THE CAREER EDUCATION  
ELEMENTS EMPHASIZED IN THIS GUIDE  
ARE GENERAL ECONOMIC AND CAREER  
AWARENESS, ECONOMIC ATTITUDES AND  
APPRECIATIONS, BEGINNING ECONOMIC  
AND DECISIONMAKING SKILLS, AND  
EDUCATIONAL AWARENESS. SUBJECT  
AREAS FOR WHICH THE MATERIALS IN  
THIS GUIDE HAVE POTENTIAL ARE  
SOCIAL STUDIES AND MATHEMATICS.  
EACH SET OF LEARNING EXPERIENCES  
CONTAINS A STUDENT OBJECTIVE, SET  
OVERVIEW, RESOURCE LIST, TEACHER-  
PREPARATION TASKS, LEARNING  
ACTIVITIES, AND SUGGESTIONS FOR  
EVALUATION-SUMMARY ACTIVITIES.  
(AUTHOR/NJ)

VT 102 249  
ECONOMIC AND CAREER AWARENESS:  
LEVEL C.

OHIO STATE UNIV., COLUMBUS. CENTER

FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#C03, \$5.00 EA.)

PUB DATE - 74 67P.; RELATED  
DOCUMENTS VT 102 247 THROUGH VT 102  
249 IN THIS ISSUE.

DESCRIPTORS - \*CAREER AWARENESS;  
\*ECONOMIC EDUCATION; \*TEACHING  
GUIDES; INTEGRATED CURRICULUM;  
GRADE 1; GRADE 2; GRADE 3; GRADE 4;  
LEARNING ACTIVITIES; SOCIAL  
STUDIES; MATHEMATICS; \*CONSUMER  
EDUCATION; \*BUDGETING; BANKING

ABSTRACT - THIS TEACHER'S GUIDE IS  
THE THIRD IN A SERIES OF THREE  
DEVELOPED FOR PRIMARY OR EARLY  
INTERMEDIATE LEVELS. IT CONSISTS OF  
LEARNING EXPERIENCES DESIGNED TO  
BUILD STUDENT FAMILIARITY WITH  
BASIC ECONOMIC TERMS AND CONCEPTS:  
CONSUMER, PRODUCER, NEEDS, WANTS,  
GOODS, SERVICES, SHORT-RANGE AND  
LONG-RANGE PLANNING, FIXED AND  
VARIABLE EXPENSES, AND BUDGETS. THE  
MATERIAL ALSO ACQUAINTS STUDENTS  
WITH THE DETAILS OF MANY SERVICES  
OFFERED BY BANKS, AND INTRODUCES  
THEM TO THE USES OF VARIOUS MONEY  
SUBSTITUTES AND TO THE EXISTENCE OF  
A VARIETY OF OCCUPATIONS AND CAREER  
FIELDS. SUBJECT AREAS FOR WHICH THE  
MATERIALS IN THIS GUIDE HAVE  
POTENTIAL ARE SOCIAL STUDIES AND  
MATH. EACH SET OF LEARNING  
EXPERIENCES CONTAINS A STUDENT  
OBJECTIVE, SET OVERVIEW, RESOURCE  
LIST, TEACHER-PREPARATION TASKS,  
LEARNING ACTIVITIES AND SUGGESTIONS  
FOR EVALUATION-SUMMARY ACTIVITIES.  
(AUTHOR/NJ)

VT 102 250  
BASIC MEASUREMENT AND RELATED  
CAREERS: LEVEL A.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,

OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#C04, \$5.50 EA.)

PUB DATE - 74 82P.; RELATED  
DOCUMENTS VT 102 250 THROUGH VT 102  
253 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*MEASUREMENT; \*KINDERGARTEN;  
\*MATHEMATICS; INTEGRATED  
CURRICULUM; \*TEACHING GUIDES

ABSTRACT - THIS TEACHING GUIDE,  
FIRST IN A SERIES OF FOUR, CONSISTS  
OF LEARNING EXPERIENCES FOR USE AT  
THE KINDERGARTEN LEVEL IN  
MATHEMATICS. IT FOCUSES ON THE  
BASIC CONCEPTS OF MEASUREMENT, AND  
DEVELOPING MEASUREMENT SKILLS IN  
THE EARLY GRADES. IT PROGRESSES TO  
THE CONCEPT OF MEASUREMENT BY  
COMPARISON, AND TO DEVELOPING BASIC  
VOLUME MEASUREMENT SKILLS. STUDENTS  
EXAMINE THE USE OF THESE SKILLS IN  
THE WORK WORLD. THE TOPICS INCLUDE  
TIME, WEIGHT, MONEY, LENGTH  
ESTIMATION, AND LENGTH MEASUREMENT.  
EACH SET OF LEARNING EXPERIENCES  
CONTAINS A STUDENT OBJECTIVE, SET  
OVERVIEW, RESOURCE LIST, TEACHER-  
PREPARATION TASKS, LEARNING  
ACTIVITIES, AND SUGGESTIONS FOR  
EVALUATION-SUMMARY ACTIVITIES.  
(AUTHOR/NJ)

VT 102 251  
BASIC MEASUREMENT AND RELATED  
CAREERS: LEVEL B.

OHIO STATE UNIV., COLUMBUS. CENTER  
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NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
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PUB DATE - 74 127P.; RELATED  
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253 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*MEASUREMENT; \*GRADE 1; INTEGRATED  
CURRICULUM; \*TEACHING GUIDES;  
\*MATHEMATICS

ABSTRACT - THIS TEACHING GUIDE,

PART OF A SERIES OF FOUR, CONSISTS OF LEARNING EXPERIENCES FOR USE AT THE GRADE ONE LEVEL IN MATHEMATICS. IT FOCUSES ON THE BASIC CONCEPTS OF MEASUREMENT, AND DEVELOPING MEASUREMENT SKILLS IN THE EARLY GRADES. IT PROGRESSES TO THE CONCEPT OF MEASUREMENT BY COMPARISON, AND TO DEVELOPING BASIC VOLUME MEASUREMENT SKILLS. STUDENTS EXAMINE THE USE OF THESE SKILLS IN THE WORK WORLD. THE TOPICS COVERED INCLUDE MEASURING TIME, MEASURING WEIGHT, MEASURING MONEY, MEASURING LENGTH, MEASURING LIQUID VOLUME, AND MEASURING TEMPERATURE. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

**VT 102 252**  
BASIC MEASUREMENT AND RELATED CAREERS: LEVEL C.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C06, \$7.00 EA.)

PUB DATE - 74 100P.; RELATED DOCUMENTS VT 102 250 THROUGH VT 102 253 IN THIS ISSUE.

**DESCRIPTORS** - \*CAREER EDUCATION; \*MEASUREMENT; GRADE 3; GRADE 4; INTEGRATED CURRICULUM; \*TEACHING GUIDES; \*MATHEMATICS.

**ABSTRACT** - THIS TEACHING GUIDE, PART OF A SERIES OF FOUR, CONSISTS OF LEARNING EXPERIENCES FOR USE AT THE LEVELS OF GRADES THREE AND FOUR IN MATHEMATICS. IT FOCUSES ON THE BASIC CONCEPTS OF MEASUREMENT, AND DEVELOPING MEASUREMENT SKILLS IN THE EARLY GRADES. IT PROGRESSES TO THE CONCEPT OF MEASUREMENT BY COMPARISON, AND TO DEVELOPING BASIC VOLUME MEASUREMENT SKILLS. STUDENTS EXAMINE THE USE OF THESE SKILLS IN THE WORK WORLD. THE TOPICS COVERED

INCLUDE: MEASURING TOOLS AND THEIR RELATIONSHIP TO WORK, USING ESTIMATION IN WORK SITUATIONS, USING LENGTH MEASUREMENT IN WORK SITUATIONS, USING AREA MEASUREMENT IN WORK SITUATIONS, AND APPLYING MEASUREMENT SKILLS. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

**VT 102 253**  
BASIC MEASUREMENT AND RELATED CAREERS: LEVEL D.

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**DESCRIPTORS** - \*CAREER EDUCATION; \*MEASUREMENT; \*TEACHING GUIDES; INTEGRATED CURRICULUM; \*MATHEMATICS; GRADE 3; GRADE 4

**ABSTRACT** - THIS TEACHING GUIDE, PART OF A SERIES OF FOUR, CONSISTS OF LEARNING EXPERIENCES FOR USE AT THE LEVELS OF GRADES THREE AND FOUR IN MATHEMATICS. IT IS CONCERNED WITH SIMPLE MEASUREMENTS OF LIQUID AND SOLID VOLUMES. THE INTENT IS TO HELP STUDENTS DEVELOP BASIC VOLUME MEASUREMENT SKILLS AND LEARN HOW ADULTS USE SIMILAR SKILLS AT WORK. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

**VT 102 254**  
CAREER EXPLORATION THROUGH MATHEMATICS.

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DESCRIPTORS - \*CAREER EDUCATION;  
\*MATHEMATICS; GUIDANCE; LEARNING  
ACTIVITIES; GRADE 8; GRADE 9; GRADE  
10; INTEGRATED CURRICULUM;  
\*TEACHING GUIDES

IDENTIFIERS - \*CAREER EXPLORATION

ABSTRACT - THE LEARNING EXPERIENCES  
IN THIS TEACHER'S GUIDE HELP  
STUDENTS AT THE SECONDARY LEVEL TO  
DEVELOP AND REINFORCE MATHEMATICAL  
SKILLS AND TO BECOME FAMILIAR WITH  
A WIDE RANGE OF OCCUPATIONS. EACH  
STUDENT IS ENCOURAGED TO ASSESS  
PERSONAL ATTRIBUTES, INCLUDING  
COMPETENCIES IN MATHEMATICS, TO  
ESTABLISH TENTATIVE OCCUPATIONAL  
GOALS, AND TO SET SOME GUIDELINES  
FOR HIGH SCHOOL CURRICULUM  
PLANNING. THE TOPICS COVERED  
INCLUDE: OCCUPATIONAL INFORMATION;  
PERSONAL ATTRIBUTES AFFECTING  
OCCUPATIONAL CHOICE; WHOLE NUMBERS;  
FRACTIONS; RATIOS AND PERCENTS;  
PERIMETER, AREA, AND VOLUME  
DETERMINATION; AND PLANNING A  
TENTATIVE COURSE OF STUDY. EACH SET  
OF LEARNING EXPERIENCES CONTAINS A  
STUDENT OBJECTIVE, SET OVERVIEW,  
RESOURCE LIST, TEACHER-PREPARATION  
TASKS, LEARNING ACTIVITIES, AND  
SUGGESTIONS FOR EVALUATION-SUMMARY  
ACTIVITIES. (AUTHOR/NJ)

VT 102 255  
MATHEMATICS AND RELATED CAREERS.

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DOCUMENT NOT AVAILABLE IN MF OR HC.  
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DOCUMENT VT 102 254 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*MATHEMATICS; LEARNING ACTIVITIES;  
INTEGRATED CURRICULUM; \*TEACHING  
GUIDES; GRADE 9; GRADE 10; SOCIAL  
STUDIES

ABSTRACT - THE LEARNING EXPERIENCES  
IN THIS TEACHER'S GUIDE HELP  
STUDENTS AT THE SECONDARY LEVEL TO  
DEVELOP AND REINFORCE MATHEMATICAL  
SKILLS AND TO BECOME FAMILIAR WITH  
A WIDE RANGE OF OCCUPATIONS. EACH  
STUDENT IS ENCOURAGED TO ASSESS  
PERSONAL ATTRIBUTES, INCLUDING  
COMPETENCIES IN MATHEMATICS, TO  
ESTABLISH TENTATIVE OCCUPATIONAL  
GOALS, AND TO MEET SOME GUIDELINES  
FOR HIGH SCHOOL CURRICULUM  
PLANNING. THE TOPICS COVERED  
INCLUDE PROPERTY TAXATION AND PRICE  
INDEXES. EACH SET OF LEARNING  
EXPERIENCES CONTAINS A STUDENT  
OBJECTIVE, SET OVERVIEW, RESOURCE  
LIST, TEACHER-PREPARATION TASKS,  
LEARNING ACTIVITIES, AND  
SUGGESTIONS FOR EVALUATION-SUMMARY  
ACTIVITIES. (AUTHOR/NJ)

VT 102 256  
PEOPLE WHO WORK WITH ANIMALS.

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FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
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DOCUMENT NOT AVAILABLE IN MF OR HC.  
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OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
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PUB DATE - 74 64P.

DESCRIPTORS - \*TEACHING GUIDES;  
\*CAREER EDUCATION; GRADE 1; GRADE  
2; GRADE 3; \*CAREER AWARENESS;  
SOCIAL STUDIES; LANGUAGE ARTS;  
MATHEMATICS; \*ANIMAL CARETAKERS;  
\*PRIMARY EDUCATION

ABSTRACT - THE PURPOSE OF THIS  
TEACHER'S GUIDE IS TO PROVIDE THE  
PRIMARY STUDENT WITH AN AWARENESS  
OF THE NUMEROUS CAREERS AVAILABLE  
TO PEOPLE WHO WANT TO WORK WITH  
ANIMALS AND TO INCREASE KNOWLEDGE



ABOUT AN INTEREST IN ANIMALS. SPECIFIC OCCUPATIONAL GROUPS UPON WHICH THIS UNIT FOCUSES ARE THOSE ASSOCIATED WITH COMMERCIAL PET ESTABLISHMENTS, ZOOS, CONSERVATION, AND HEALTH AREAS. THE TOPICS COVERED INCLUDE ANIMALS AND THEIR ENVIRONMENT, LEARNING ABOUT THOSE WHO WORK WITH ANIMALS, APPLYING KNOWLEDGE ABOUT ANIMALS IN THE CLASSROOM, AND RESPONSIBILITIES OF PEOPLE WHO WORK WITH ANIMALS. SUBJECT AREAS FOR WHICH THE MATERIALS IN THIS GUIDE HAVE POTENTIAL ARE SOCIAL STUDIES, LANGUAGE ARTS, AND ARITHMETIC. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER- PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 257  
EXPLORING THE WORLD OF WORK.

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PUB DATE - 74 75P.

DESCRIPTORS - \*CAREER EDUCATION; \*CAREER AWARENESS; GRADE 2; GRADE 3; INTEGRATED CURRICULUM; \*TEACHING GUIDES; SOCIAL STUDIES; ART; LANGUAGE ARTS; \*COMMUNITY

ABSTRACT - THIS TEACHER'S GUIDE, FOR USE AT THE LEVELS OF GRADES TWO AND THREE, PROVIDES AN INTRODUCTION TO A WIDE VARIETY OF OCCUPATIONS. ITS PURPOSE IS TO EXPAND STUDENT AWARENESS OF BOTH GOODS PRODUCING OCCUPATIONS, AND SERVICE OCCUPATIONS WITHIN THE COMMUNITY. IT FOCUSES ON THE DISTINCTION BETWEEN GOODS AND SERVICES, THE CONCEPTS OF OCCUPATIONAL AREA AND SPECIALIZATION, JOB PREPARATION, PERSONAL NEEDS AND LIFE STYLES AND THEIR RELATION TO WORK, THE

FUNCTION OF WORK IN MEETING COMMUNITY NEEDS, VOLUNTEER WORKERS IN THE COMMUNITY, AND FINALLY, THE INFLUENCE OF GEOGRAPHIC AREA UPON OCCUPATIONS. SUBJECT AREAS FOR WHICH THE MATERIALS IN THIS GUIDE HAVE POTENTIAL ARE SOCIAL STUDIES, LANGUAGE ARTS, AND ART. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER- PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 258  
THE SUPERMARKET.

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PUB DATE - 74 55P.

DESCRIPTORS - \*CAREER EDUCATION; \*CAREER AWARENESS; \*TEACHING GUIDES; INTEGRATED CURRICULUM; LEARNING ACTIVITIES; SOCIAL STUDIES; MATHEMATICS; \*FOOD STORES; CONSUMER EDUCATION; GRADE 2; GRADE 3

ABSTRACT - THE LEARNING EXPERIENCES IN THIS TEACHER'S GUIDE ARE INTENDED TO ACQUAINT STUDENTS AT THE SECOND AND THIRD GRADE LEVELS WITH THE FOOD INDUSTRY -- THE GOODS AND SERVICES IT PROVIDES, THE WORKERS IT EMPLOYS, AND SOME OF THE BASIC SKILLS THE CONSUMER NEEDS. THE SUPERMARKET, THAT SEGMENT OF THE FOOD INDUSTRY MOST FAMILIAR TO PRIMARY STUDENTS, IS THE FOCAL POINT OF STUDY. AS THEY OBSERVE AND INTERVIEW SUPERMARKET WORKERS ON THE JOB, STUDENTS GAIN SOME UNDERSTANDING OF THE JOB ACTIVITIES AND WORKING CONDITIONS. IN A CULMINATING ACTIVITY, STUDENTS ROLE PLAY CUSTOMERS AND SUPERMARKET WORKERS, APPLYING ARITHMETIC AND READING SKILLS AS THEY MAKE SHOPPING DECISIONS. SUBJECT AREAS

FOR WHICH THE MATERIALS IN THIS GUIDE HAVE POTENTIAL ARE SOCIAL STUDIES AND MATHEMATICS. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

**VT 102 259**

LEARNING ABOUT BUSINESS.

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PUB DATE - 74 118P.

DESCRIPTORS - \*CAREER EDUCATION; LEARNING ACTIVITIES; GRADE 1; GRADE 2; GRADE 3; GRADE 4; INTEGRATED CURRICULUM; \*TEACHING GUIDES; SOCIAL STUDIES; \*BUSINESS EDUCATION; \*CAREER AWARENESS

ABSTRACT - IN THIS TEACHER'S GUIDE, LEARNING EXPERIENCES FOCUS ON HELPING STUDENTS IN PRIMARY GRADES DEVELOP THEIR UNDERSTANDING OF THE INTERRELATIONSHIPS AMONG BUSINESSES, WORKERS, AND FAMILIES THROUGH EXAMINATIONS OF LOCAL STORES AND BUSINESSES AND OF THE WORKERS WHO WORK IN THEM. STUDENTS ARE GIVEN THE OPPORTUNITY TO ACQUIRE ECONOMIC AWARENESS AND SELF-SUFFICIENCY. THEY LEARN TO MATCH NEEDED GOODS AND SERVICES TO THE TYPES OF STORES AND BUSINESSES THAT PROVIDE THEM. THEY IDENTIFY AND EXPLORE THE BASIC BUSINESS PRINCIPLES OF INCOME, EXPENSES, AND DEPENDENCE ON WORKERS, CUSTOMERS, AND OTHER BUSINESSES. THE SUBJECT AREA FOR WHICH THE MATERIALS IN THIS GUIDE HAVE POTENTIAL IS SOCIAL STUDIES. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY

ACTIVITIES. (AUTHOR/NJ)

**VT 102 260**

CAREERS IN TECHNOLOGY.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

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PUB DATE - 74 82P.

DESCRIPTORS - \*CAREER AWARENESS; GRADE 2; GRADE 3; GRADE 4; INTEGRATED CURRICULUM; \*TEACHING GUIDES; SOCIAL STUDIES; MATHEMATICS; \*TECHNOLOGY

ABSTRACT - THE BASIC PURPOSE OF THIS TEACHER'S GUIDE IS TO ACQUAINT STUDENTS AT THE PRIMARY LEVEL WITH THE VARIETY OF JOBS IN THE FIELD OF TECHNOLOGY. THE FIELD OF TECHNOLOGY ENCOMPASSES ALL WORK WHICH USES MACHINES TO SUPPLY THE NEEDS OF PEOPLE. THE TOPICS COVERED INCLUDE: SIMPLE MACHINES; TECHNOLOGICAL JOBS IN THE COMMUNITY; USING MEASUREMENT ACCURATELY; TOOLS USED FOR MEASUREMENT; PREPARATION RELATED TO TECHNOLOGICAL JOBS; THE USE OF MATHEMATICS IN TECHNOLOGICAL JOBS; JOB SPECIALIZATION AND THE ASSEMBLY LINE; A VISIT TO A TECHNOLOGICAL SITE; AND WORKING CONDITIONS. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

**VT 102 261**

WORKING WITH TREES.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER

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DESCRIPTORS - \*TREES; FORESTRY;  
CONSERVATION (ENVIRONMENT);  
ENVIRONMENTAL EDUCATION; GRADE 3;  
GRADE 4; \*TEACHING GUIDES; \*CAREER  
AWARENESS; INTEGRATED CURRICULUM;  
SCIENCES; ART; MUSIC; LANGUAGE  
ARTS; SOCIAL STUDIES

ABSTRACT - THE LEARNING EXPERIENCES  
IN THIS TEACHER'S GUIDE ARE  
DESIGNED TO AID PRIMARY STUDENTS IN  
DEVELOPING AN AWARENESS OF THE  
PERSONAL AND SOCIAL VALUE OF WORK  
AND OF THE VARIETY OF TREE-RELATED  
OCCUPATIONS. THE RELATIONSHIP  
BETWEEN TREES AND THE PEOPLE WHO  
WORK WITH THEM IS PRESENTED IN A  
MANNER THAT ENCOURAGES AN  
UNDERSTANDING OF BOTH THE VALUE OF  
TREES TO MAN AND THE SATISFACTION  
OF WORKING WITH THEM. STUDENTS  
LEARN ABOUT TREES AND THEIR ROLE IN  
THE NATURAL ENVIRONMENT, THE  
RESOURCES THEY PROVIDE, AND WAYS TO  
CONSERVE THEM. SUBJECT AREAS FOR  
WHICH THE MATERIALS IN THIS GUIDE  
HAVE POTENTIAL ARE SCIENCE, ART,  
MUSIC, LANGUAGE ARTS, AND SOCIAL  
STUDIES. EACH SET OF LEARNING  
EXPERIENCES CONTAINS A STUDENT  
OBJECTIVE, SET OVERVIEW, RESOURCE  
LIST, TEACHER-PREPARATION TASKS,  
LEARNING ACTIVITIES, AND  
SUGGESTIONS FOR EVALUATION-SUMMARY  
ACTIVITIES. (AUTHOR/NJ)

VT 102 262  
CAREERS IN VISUAL ART.

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DESCRIPTORS - \*TEACHING GUIDES;  
\*INTERMEDIATE GRADES; INTEGRATED  
CURRICULUM; ART EDUCATION; \*CAREER  
AWARENESS; \*VISUAL ARTS

ABSTRACT - THIS SET OF LEARNING  
EXPERIENCES ACQUAINTS STUDENTS AT  
THE INTERMEDIATE LEVEL WITH SOME OF  
THE GREATEST ACHIEVEMENTS IN THE  
FINE ARTS. WHILE EXPLORING A  
VARIETY OF CAREERS IN THE GRAPHIC  
ARTS, STUDENTS BECOME AWARE OF THE  
TOOLS, MATERIALS, AND EQUIPMENT AS  
WELL AS THE SKILLS NEEDED TO  
UTILIZE THEM. THROUGH GROUP  
ACTIVITIES IN THE GRAPHIC ARTS,  
THEY SEE THE ADVANTAGES OF  
COOPERATION AND DEVELOP AN  
UNDERSTANDING OF DECISIONMAKING AND  
PROBLEM-SOLVING. THEY SEE HOW  
CULTURAL BACKGROUNDS AND  
ENVIRONMENTAL INFLUENCES DETERMINE  
MODES OF ARTISTIC EXPRESSION AND  
BRIEFLY EXAMINE THE POSSIBLE  
LIFESTYLES AND CAREER REWARDS OF  
PERSONS EMPLOYED IN THE GRAPHIC  
ARTS. EACH SET OF LEARNING  
EXPERIENCES CONTAINS A STUDENT  
OBJECTIVE, SET OVERVIEW, RESOURCE  
LIST, TEACHER-PREPARATION TASKS,  
LEARNING ACTIVITIES, AND  
SUGGESTIONS FOR EVALUATION-SUMMARY  
ACTIVITIES. (AUTHOR/NJ)

VT 102 263  
CAREER EXPLORATION IN THE LIFE  
SCIENCES.

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DOCUMENTS VT 102 263 THROUGH VT 102  
265 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*INTERMEDIATE GRADES; \*JUNIOR HIGH  
SCHOOLS; \*TEACHING GUIDES;  
INTEGRATED CURRICULUM; LEARNING  
ACTIVITIES; \*BIOLOGICAL SCIENCES;  
ECOLOGY; MEDICINE; ZOOLOGY  
IDENTIFIERS - \*CAREER EXPLORATION

ABSTRACT - THE PURPOSE OF THIS  
TEACHER'S GUIDE IS TO ACQUAINT  
INTERMEDIATE STUDENTS WITH  
OCCUPATIONS IN THE LIFE SCIENCES.

BY IDENTIFYING LIFE SCIENCE AND EXPLORING THE AREAS OF BIOLOGY (ECOLOGY AND ZOOLOGY) AND MEDICINE, STUDENTS MAY BECOME AWARE OF THE FUNCTIONS OF THE PEOPLE INVOLVED IN THESE AREAS AND THE VALUE OF THEIR WORK. THE MATERIAL IN THIS GUIDE MAY BE INTRODUCED AT THE SIXTH OR SEVENTH GRADE LEVEL. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 264

CAREER EXPLORATION IN THE EARTH SCIENCES.

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DESCRIPTORS - \*CAREER EDUCATION; \*EARTH SCIENCE; OCEANOLOGY; \*GEOLOGY; METEOROLOGY; \*GRADE 8; \*TEACHING GUIDES; INTEGRATED CURRICULUM; LEARNING ACTIVITIES IDENTIFIERS - \*CAREER EXPLORATION

ABSTRACT - THE PURPOSE OF THIS TEACHER'S GUIDE IS TO ACQUAINT STUDENTS AT THE EIGHT GRADE LEVEL WITH OCCUPATIONS IN THE EARTH SCIENCES. BY IDENTIFYING EARTH SCIENCE AND EXPLORING GEOLOGY, OCEANOGRAPHY, AND METEOROLOGY, STUDENTS MAY BECOME AWARE OF THE KNOWLEDGE AND SKILLS REQUIRED OF WORKERS IN THESE OCCUPATIONS. STUDENTS PARTICIPATE IN SIMULATED WORK SITUATIONS IN WHICH THEY MAY OBSERVE NOT ONLY THE FUNCTIONS OF SOME EARTH SCIENTISTS, BUT THE INTERACTION BETWEEN PEOPLE IN THESE OCCUPATIONS. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE

LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 265

CAREER EXPLORATION IN THE PHYSICAL SCIENCES.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

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DESCRIPTORS - \*TEACHING GUIDES; \*GRADE 9; \*CAREER EDUCATION; INTEGRATED CURRICULUM; LEARNING ACTIVITIES; \*GENERAL SCIENCE; \*PHYSICAL SCIENCES; GEOLOGY; CHEMISTRY; PHYSICS; METALLURGY IDENTIFIERS - \*CAREER EXPLORATION

ABSTRACT - THE PURPOSE OF THIS TEACHER'S GUIDE IS TO ACQUAINT NINTH GRADE STUDENTS WITH THE AREAS OF PHYSICAL SCIENCE AND THE POSSIBLE OCCUPATIONS WITHIN THOSE AREAS. BY EXPLORING SOME OF THE BASIC CONCEPTS OF CHEMISTRY, PHYSICS, METALLURGY, AND GEOLOGY, STUDENTS GAIN INSIGHT INTO THE KNOWLEDGE AND SKILL REQUIRED OF THOSE IN OCCUPATIONS RELATED TO THESE AREAS. THE INTERACTION BETWEEN OCCUPATIONS WITHIN OR RELATED TO PHYSICAL SCIENCE IS EXEMPLIFIED THROUGH STUDENT PARTICIPATION IN A SIMULATED WORK SITUATION. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 266

THE SERVICE STATION.

OHIO STATE UNIV., COLUMBUS. CENTER



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DESCRIPTORS - \*TEACHING GUIDES;  
\*GRADE 2; \*CAREER AWARENESS;  
LEARNING ACTIVITIES; INTEGRATED  
CURRICULUM; SOCIAL STUDIES;  
LANGUAGE ARTS; ARTS; \*AUTO  
MECHANICS

ABSTRACT - THE PURPOSE OF THIS  
TEACHER'S GUIDE IS TO ENCOURAGE THE  
PRIMARY STUDENT TO EXPAND HIS OR  
HER AWARENESS OF JOBS WITHIN THE  
COMMUNITY. THE ROLE OF THE SERVICE  
STATION WORKER IS EXAMINED, WITH  
EMPHASIS UPON THE GOODS AND  
SERVICES PROVIDED. SUBJECT AREAS  
FOR WHICH THE MATERIALS IN THIS  
GUIDE HAVE POTENTIAL ARE SOCIAL  
STUDIES, ART, AND LANGUAGE. EACH  
SET OF LEARNING EXPERIENCES  
CONTAINS A STUDENT OBJECTIVE, SET  
OVERVIEW, RESOURCE LIST, TEACHER-  
PREPARATION TASKS, LEARNING  
ACTIVITIES, AND SUGGESTIONS FOR  
EVALUATION-SUMMARY ACTIVITIES.  
(AUTHOR/NJ)

VT 102 267

CREATING GREETING CARDS: A BUSINESS  
BRINGS PLEASURE.

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NATIONAL INST. OF EDUCATION (DHEW),  
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PUB DATE - 74 83P.

DESCRIPTORS - \*TEACHING GUIDES;  
GRADE 2; GRADE 3; GRADE 4;  
INTEGRATED CURRICULUM; LEARNING  
ACTIVITIES; \*CAREER AWARENESS; \*ART  
EDUCATION; LANGUAGE ARTS; SOCIAL  
STUDIES; MATHEMATICS; MASS  
PRODUCTION; SIMULATION

ABSTRACT - THE LEARNING EXPERIENCES  
IN THIS TEACHER'S GUIDE PROVIDE  
SECOND, THIRD, AND FOURTH GRADE  
STUDENTS AT THE PRIMARY LEVEL WITH  
THE OPPORTUNITY TO PARTICIPATE IN  
THE CREATION AND PRODUCTION OF  
GREETING CARDS. STUDENTS EXPLORE  
DIFFERENT KINDS OF CARDS AND BECOME  
INVOLVED IN THE PRODUCTION PROCESS  
OF A SIMULATED GREETING CARD  
COMPANY. THEY LEARN ABOUT GREETING  
CARDS AS A FORM OF COMMUNICATION  
AND ABOUT THE COOPERATIVE EFFORT  
REQUIRED FOR MASS PRODUCTION. THE  
LEARNING ACTIVITIES ARE DESIGNED TO  
DEVELOP AN APPRECIATION OF THE  
HABITS AND SKILLS REQUIRED FOR  
COMPLETING A TASK: ADEQUATE  
PREPARATION, ORDERLY APPROACH,  
MEETING RESPONSIBILITIES AND  
PERFORMANCE STANDARDS, SAFE WORK  
HABITS, PHYSICAL SKILLS, RECURRING  
PRODUCTION NEEDS, AND CREATIVITY.  
SUBJECT AREAS FOR WHICH THE  
MATERIALS IN THIS GUIDE HAVE  
POTENTIAL ARE SOCIAL STUDIES, ARTS,  
LANGUAGE, AND APPLIED MATH. EACH  
SET OF LEARNING EXPERIENCES  
CONTAINS A STUDENT OBJECTIVE, SET  
OVERVIEW, RESOURCE LIST, TEACHER-  
PREPARATION TASKS, LEARNING  
ACTIVITIES, AND SUGGESTIONS FOR  
EVALUATION-SUMMARY ACTIVITIES.  
(AUTHOR/NJ)

VT 102 268

MAKING TOYS THROUGH TEAMWORK.

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FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

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OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#C10, \$8.00 EA.)

PUB DATE - 74 123P.

DESCRIPTORS - \*TEACHING GUIDES;  
\*INTERMEDIATE GRADES; MASS  
PRODUCTION; \*CAREER AWARENESS;  
\*WOODWORKING; INTEGRATED  
CURRICULUM; LEARNING ACTIVITIES;  
\*TOYS

ABSTRACT - THIS GUIDE IS DESIGNED

TO ENGAGE INTERMEDIATE LEVEL STUDENTS IN LEARNING EXPERIENCES INTENDED TO ACQUAINT THEM WITH WOOD CONSTRUCTION AND MASS PRODUCTION. IN ADDITION TO DEVELOPING CARPENTRY SKILLS, STUDENTS LEARN THE SAFE USE OF TOOLS, EQUIPMENT, AND MATERIALS. WHILE SIMULATING A TOY COMPANY, THEY INDUCTIVELY DEVELOP PROCESSES FOR THE MASS PRODUCTION OF TOY BOATS AND APPLY MARKETING PRINCIPLES. IN ADDITION, THEY LEARN GENERAL WORK-RELATED SKILLS AND UNDERSTANDING THAT CONCERN TASK PLANNING, INTERPERSONAL RELATIONS, INDIVIDUAL AND GROUP WORK METHODS, APPLIED MATHEMATICS, AND DECISIONMAKING. SUBJECT AREAS FOR WHICH THE MATERIALS IN THIS GUIDE HAVE POTENTIAL INCLUDE ART, SOCIAL STUDIES, LANGUAGE ARTS, AND MATH. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER- PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

#### VT 102 269

NORTON, ROBERT E.  
STAFF DEVELOPMENT GUIDELINES AND PROCEDURES FOR COMPREHENSIVE CAREER EDUCATION.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION; OHIO STATE UNIVERSITY; 1960 KENNY ROAD; COLUMBUS, OHIO 43210. (ORDER #S03, \$15.00 EA.)  
PUB DATE - 75 228P.

DESCRIPTORS - \*INSTRUCTIONAL MATERIALS; \*CAREER EDUCATION; \*INSERVICE EDUCATION; GUIDELINES; \*PROGRAM COORDINATION; TEACHING PROCEDURES  
IDENTIFIERS - \*STAFF DEVELOPMENT

ABSTRACT - THESE GUIDELINES ARE INTENDED TO ASSIST THE INSERVICE PROGRAM COORDINATOR WITH A STAFF DEVELOPMENT PROGRAM FOR COMPREHENSIVE CAREER EDUCATION. THE

CONTENTS OF THE DOCUMENT COVER THE FOLLOWING CAREER EDUCATION TOPICS: (1) OVERVIEW, (2) THE NEED FOR STAFF DEVELOPMENT, (3) ROLES AND FUNCTIONS OF THE INSERVICE COORDINATOR, (4) HOW TO DEVELOP A STAFF DEVELOPMENT PROGRAM (GOALS, MODEL, AND MANAGEMENT PLAN), (5) PLANNING AND IMPLEMENTING A PROGRAM, (6) EVALUATING THE EFFORT, (7) SUGGESTED PROGRAMS AND MATERIALS, AND (8) SOURCES OF INSERVICE EDUCATIONAL ASSISTANCE. APPENDED ARE SEVERAL INSTRUMENTS INCLUDING CAREER EDUCATION COMPETENCY STATEMENTS FOR TEACHERS, COUNSELORS, AND ADMINISTRATORS; SELF-ASSESSMENT AND NEEDS ASSESSMENT MATERIALS; AND A WORKSHOP PLANNING KIT. A GLOSSARY IS ALSO PROVIDED. (LJ)

#### VT 102 270

A TRAINING PROGRAM FOR THE INSERVICE COORDINATOR IN COMPREHENSIVE CAREER EDUCATION.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION; OHIO STATE UNIVERSITY; 1960 KENNY ROAD; COLUMBUS, OHIO 43210. (ORDER #S11, \$30.00 EA.)  
PUB DATE - 74 174P.

DESCRIPTORS - \*INSERVICE EDUCATION; \*CAREER EDUCATION; \*PROGRAM COORDINATION; EDUCATIONAL PROGRAMS; AUDIOVISUAL INSTRUCTION; INSTRUCTIONAL DESIGN; INSTRUCTIONAL MATERIALS; ADMINISTRATION; PUBLIC RELATIONS; EVALUATION

ABSTRACT - THIS DOCUMENT PRESENTS A COMPLETE, INTRODUCTORY TRAINING PROGRAM FOR POTENTIAL INSERVICE COORDINATORS. THE PROGRAM FORMAT INCLUDES THE USE OF BOTH WRITTEN AND AUDIOVISUAL LEARNING MATERIALS. THE PURPOSES OF THIS PROGRAM ARE TO PROVIDE AN AWARENESS OF THE RESPONSIBILITIES OF THE COORDINATOR'S ROLE, ACQUAINT THE LEARNER WITH NECESSARY SKILLS, AND PRESENT OPPORTUNITIES TO PRACTICE

THESE SKILLS. ASPECTS OF THE INSERVICE COORDINATOR'S ROLE ARE PRESENTED IN FIVE INTERRELATED UNITS: INSTRUCTIONAL DESIGN, EVALUATION, INSTRUCTIONAL MATERIALS DEVELOPMENT, ADMINISTRATION, AND PUBLIC RELATIONS. A PRETEST AND POSTTEST ACCOMPANY THE PROGRAM AND SCRIPTS FOR THE SLIDE/TAPE PRESENTATIONS ARE APPENDED. (LJ)

#### VT 102 271

DRIER, HARRY N., JR., ED.; AND OTHERS  
FACILITATOR'S INSTRUCTIONAL PLAN.  
ORIENTATION TO CAREER EDUCATION: A GROUP APPROACH. INTRODUCTION.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #S04, THIS DOCUMENT ONLY AVAILABLE IN COMPLETE SET OF SIX, \$25.00 PER SET.)

PUB DATE - 75 69P.; RELATED DOCUMENTS VT 102 271 THROUGH VT 102 277 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; ORIENTATION MATERIALS; \*GROUP ACTIVITIES; \*INSERVICE PROGRAMS; \*EDUCATIONAL DEVELOPMENT; \*TIME PERSPECTIVE IDENTIFIERS \*IMPLEMENTATION STRATEGIES

ABSTRACT - THIS PROGRAM WAS DESIGNED FOR INSERVICE USE BY STATE DEPARTMENT CONSULTANTS, INTERMEDIATE AND LOCAL SCHOOL DISTRICTS' INSERVICE COORDINATORS, AND COLLEGE AND UNIVERSITY INSTRUCTORS. IT AFFORDS THEM THE OPPORTUNITY TO EXAMINE THE CONCEPT OF CAREER EDUCATION AND THE CONCOMITANT IMPLICATIONS FOR CHANGE IN THEIR LOCAL SETTINGS. THE INSTRUCTIONAL PACKAGE CONSISTS OF SIX INDIVIDUAL MODULES WITH 18 SEPARATE BUT INTERRELATED LESSONS. EACH MODULE CONSISTS OF FOUR MAJOR SECTIONS ENTITLED, INTRODUCTION, MODULE GOALS, LESSONS, AND

SUPPLEMENTARY READINGS. THIS DOCUMENT CONTAINS A FACILITATOR'S INSTRUCTIONAL PLAN, INSTRUMENTS TO ASSIST ASSESSMENT AND PROGRAM PLANNING ACTIVITIES, AND A GLOSSARY. APPENDED ARE BRIEF EXPLANATIONS OF TECHNIQUES TO BE USED DURING THE ORIENTATION PROGRAM. (LJ)

#### VT 102 272

DRIER, HARRY N., JR., ED.; AND OTHERS

WHY CAREER EDUCATION. ORIENTATION TO CAREER EDUCATION: A GROUP APPROACH. MODULE I.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #S04I, \$4.50 EA.; COMPLETE SET OF SIX ORDER #S04, \$25.00 PER SET.) PUB DATE - 75 104P.; RELATED DOCUMENTS VT 102 271 THROUGH VT 102 277 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; ORIENTATION MATERIALS; \*GROUP ACTIVITIES; \*INSERVICE PROGRAMS; LEARNING ACTIVITIES; \*EDUCATIONAL DEVELOPMENT; \*TIME PERSPECTIVE IDENTIFIERS - \*IMPLEMENTATION STRATEGIES

ABSTRACT - THIS MODULE PRESENTS BOTH HISTORICAL AND CURRENT PERSPECTIVES ON FACTORS INFLUENCING THE DEVELOPMENT OF CAREER EDUCATION. FOUR LESSONS COMPRISE THE MODULE CONCERNING THE TOPICS OF (1) PREPARING PARTICIPANTS FOR GROUP INVOLVEMENT, (2) THE CAREER EDUCATION MOVEMENT IN PERSPECTIVE, (3) CURRENT EDUCATIONAL AND SOCIAL CHARACTERISTICS AFFECTING THE NEED FOR CAREER EDUCATION, AND (4) A RATIONALE FOR EMPHASIZING DECISIONMAKING SKILLS IN CAREER EDUCATION. ALONG WITH A GLOSSARY AND A LIST OF SUPPLEMENTARY READINGS, TRANSPARENCY MASTERS, TASK SHEETS, HANDOUTS, AND READINGS PERTINENT TO EACH OF THE FOUR

LESSONS ARE INCLUDED. (LJ)

VT 102 273

DRIER, HARRY N., JR., ED.; AND OTHERS  
FOCUSING ON SUPPORTIVE INTERESTS AND LOCAL NEEDS. ORIENTATION TO CAREER EDUCATION: A GROUP APPROACH. MODULE II.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #S04II, \$4.50 EA.; COMPLETE SET OF SIX, ORDER #S04, \$25.00 PER SET.) PUB DATE - 75 65P.; RELATED DOCUMENTS VT 102 271 THROUGH VT 102 277 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; ORIENTATION MATERIALS; \*GROUP ACTIVITIES; \*INSERVICE PROGRAMS; \*LEARNING ACTIVITIES; \*ADMINISTRATOR EDUCATION; \*FINANCIAL SUPPORT IDENTIFIERS - \*IMPLEMENTATION STRATEGIES

ABSTRACT - THIS MODULE IS DESIGNED TO ASSIST AN ADMINISTOR IN THE IMPLEMENTATION OF A CAREER EDUCATION PROGRAM. LESSON FIVE PRESENTS ONE APPROACH BY PROVIDING INFORMATION RELATIVE TO THE NATURE AND AVAILABLE OF SUPPORT FROM NATIONAL, STATE, AND LOCAL AGENCIES. LESSON SIX DETAILS THE COLLECTION AND USE OF DATA PERTINENT TO STUDENT NEEDS IN AN ADMINISTRATOR'S LOCAL AREA. A GLOSSARY AND SUPPLEMENTARY READINGS ARE INCLUDED AS WELL AS READINGS, TASK SHEETS, AND HANDOUTS FOR THE TWO LESSONS. (LJ)

VT 102 274

DRIER, HARRY N., JR., ED.; AND OTHERS  
CAREER EDUCATION THEORY, GOALS, AND PLANNING CONSIDERATIONS. ORIENTATION TO CAREER EDUCATION: A GROUP APPROACH. MODULE III.

OHIO STATE UNIV., COLUMBUS. CENTER

FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #S04III, \$4.50 EA.; COMPLETE SET OF SIX, ORDER #S04, \$25.00 PER SET.) PUB DATE - 75 177P.; RELATED DOCUMENTS VT 102 271 THROUGH VT 102 277 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*GROUP ACTIVITIES; ORIENTATION MATERIALS; \*THEORIES; \*INSERVICE PROGRAMS; \*EDUCATIONAL PLANNING IDENTIFIERS - \*IMPLEMENTATION STRATEGIES

ABSTRACT - CAREER EDUCATION THEORY, GOALS, PHILOSOPHY, AND CONCEPTS ARE IMPORTANT TO SCHOOL STAFFS AS THE BASES FOR IMPLEMENTATION GUIDELINES. FURTHER, A THOROUGH UNDERSTANDING OF CAREER EDUCATION BY THE STAFF HELPS THEM CORRECT MISCONCEPTIONS HELD BY THE PUBLIC. MODULE III CONTAINS FOUR LESSONS WHICH DEAL WITH THE FOLLOWING TOPICS RELATED TO CAREER EDUCATION: SUPPORTING THEORIES; ISSUES; ELEMENTS, CONCEPTS, GOALS, AND OUTCOMES; AND PHILOSOPHY, GOALS STATEMENTS, AND OBJECTIVES. A GENERAL GLOSSARY IS PART OF THE DOCUMENT, AND READINGS, TRANSPARENCY MASTERS, TASK SHEETS, AND HANDOUTS FOR EACH LESSON ARE ALSO PROVIDED. (LJ)

VT 102 275

DRIER, HARRY N., JR., ED.; AND OTHERS  
CAREER EDUCATION MODELS AND IMPLEMENTATION STRATEGIES. ORIENTATION TO CAREER EDUCATION: A GROUP APPROACH. MODULE IV.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.  
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DOCUMENTS VT 102 271 THROUGH VT 102  
277 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
ORIENTATION MATERIALS; \*GROUP  
ACTIVITIES; \*MODELS; \*INSERVICE  
PROGRAMS  
IDENTIFIERS - \*IMPLEMENTATION  
STRATEGIES

ABSTRACT - MODULE IV PRESENTS FOUR  
NATIONAL CAREER EDUCATION MODELS OF  
FEDERAL AND STATE CAREER EDUCATION  
PROJECTS. LESSONS 11 THROUGH 13,  
WHICH MAKE UP THIS DOCUMENT,  
INCLUDE THE IMPLEMENTATION  
STRATEGIES, APPROACHES, AND  
PROGRAMS. A GLOSSARY, LISTS OF  
READINGS AND SUPPLEMENTARY  
READINGS, TASK SHEETS, TRANSPARENCY  
MASTERS, AND HANDOUTS ARE PRESENTED  
FOR EACH OF THE THREE LESSONS. (LJ)

VT 102 276

DRIER, HARRY N., JR., ED.; AND  
OTHERS  
ROLE IDENTIFICATION IN CAREER  
EDUCATION. ORIENTATION TO CAREER  
EDUCATION: A GROUP APPROACH. MODULE  
V.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
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PUB DATE - 75 68P.; RELATED  
DOCUMENTS VT 102 271 THROUGH VT 102  
277 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
ORIENTATION MATERIALS; \*GROUP  
ACTIVITIES; \*INSERVICE EDUCATION;  
\*EDUCATIONAL DEVELOPMENT  
IDENTIFIERS - \*IMPLEMENTATION  
STRATEGIES

ABSTRACT - THE TWO LESSONS INCLUDED  
IN THIS MODULE ARE DESIGNED TO AID  
INSERVICE TEACHERS IN THE  
IDENTIFICATION AND UNDERSTANDING OF

THE VALUE OF COOPERATIVE  
RELATIONSHIPS AND THE POTENTIAL  
CONTRIBUTIONS OF VARIOUS GROUPS TO  
THE DEVELOPMENT OF CAREER  
EDUCATION. FURTHER, METHODS FOR  
ANALYZING THEIR ROLES IN  
IMPLEMENTATION OF CAREER EDUCATION  
ARE PRESENTED FOR EXPLORATION BY  
THE TEACHERS. A GLOSSARY, LISTS OF  
READINGS AND SUPPLEMENTARY  
READINGS, TASK SHEETS, AND HANDOUTS  
FOR EACH LESSON ARE INCLUDED. (LJ)

VT 102 277

DRIER, HARRY N., JR., ED.; AND  
OTHERS  
RESOURCES IN CAREER EDUCATION.  
ORIENTATION TO CAREER EDUCATION: A  
GROUP APPROACH. MODULE VI.

OHIO STATE UNIV., COLUMBUS. CENTER  
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DESCRIPTORS - \*CAREER EDUCATION;  
ORIENTATION MATERIALS; \*GROUP  
ACTIVITIES; \*INSERVICE EDUCATION;  
\*EDUCATIONAL RESOURCES  
IDENTIFIERS - \*IMPLEMENTATION  
STRATEGIES

ABSTRACT - THE PURPOSE OF THIS  
FINAL MODULE IS TO ACQUAINT THE  
USER WITH THE LOCATION, NATURE,  
ACCESSIBILITY, AND SUGGESTED USES  
OF VARIOUS RESOURCES AT THE  
NATIONAL, STATE, AND COMMUNITY  
LEVELS. UPON COMPLETION OF LESSONS  
16, 17, AND 18, THE USER SHOULD BE  
ABLE TO APPLY AND INTEGRATE THE  
CONTENT INTO A PLAN TO IDENTIFY,  
ORGANIZE, AND UTILIZE A CAREER  
EDUCATION RESOURCE SYSTEM AT THE  
LOCAL LEVEL. A GLOSSARY AND  
SUPPLEMENTARY READINGS ACCOMPANY  
THE UNIT AS WELL AS READINGS,  
TRANSPARENCY MASTERS, TASK SHEETS,  
AND HANDOUTS FOR EACH OF THE THREE



# LESSONS. (LJ)

## VT 102 278

ARROWSMITH, SUE; COBB, PAT  
ORIENTATION TO CAREER EDUCATION. AN  
INDIVIDUAL APPROACH.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
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OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
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PUB DATE - 75 146P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ORIENTATION MATERIALS; \*STAFF  
ORIENTATION; \*INSERVICE TEACHER  
EDUCATION; INDIVIDUALIZED  
INSTRUCTION; WORKSHOPS  
IDENTIFIERS - \*STAFF DEVELOPMENT

ABSTRACT - THE PURPOSE OF THIS  
INSTRUCTIONAL MODULE IS TO PROVIDE  
EDUCATORS WITH AN ORIENTATION TO  
CAREER EDUCATION -- ITS GOALS,  
OBJECTIVES, AND RATIONALE. THE  
MATERIAL IS PRESENTED IN AN  
INDIVIDUALIZED INSTRUCTIONAL  
FORMAT, CONSISTING OF A PRETEST AND  
FOUR UNITS. COMPLETION OF THE UNITS  
IN SEQUENCE ASSURES A LOGICAL  
PRESENTATION OF THESE INTRODUCTORY  
MATERIALS TO CAREER EDUCATION. THE  
INTRODUCTION PROVIDES A GENERAL  
OVERVIEW AND INCLUDES A PRETEST FOR  
THOSE WHO WISH TO IDENTIFY THE  
SECTIONS WITH WHICH THEY ARE  
FAMILIAR AND THOSE THAT NEED  
REVIEW. UNIT I PRESENTS A  
DISCUSSION OF CONDITIONS IN SOCIETY  
TO WHICH CAREER EDUCATION CAN  
RESPOND. UNIT II IDENTIFIES AND  
DESCRIBES FOUR NATIONAL MODELS FOR  
CAREER EDUCATION. THE THIRD UNIT  
DISCUSSES THE GOALS OF THE SCHOOL-  
BASED COMPREHENSIVE CAREER  
EDUCATION MODEL AND DESCRIBES THE  
METHODS OF DEVELOPMENT AND  
IMPLEMENTATION. UNIT IV DESCRIBES  
THE FUNCTION OF THE SCHOOL-BASED  
CAREER EDUCATION COMPONENTS: STAFF  
DEVELOPMENT, COMMUNITY RELATIONS,  
CURRICULUM DEVELOPMENT, GUIDANCE  
AND PLACEMENT, SUPPORT SYSTEMS, AND

EVALUATION. A GLOSSARY DEFINES  
TERMS THAT ARE UNIQUE TO CAREER  
EDUCATION MODELS AND TO THE  
MATERIALS PRESENTED IN THIS MODULE.  
(AUTHOR/NJ)

## VT 102 279

DRIER, HARRY N., JR., ED.;  
MARTINEZ, NANCY S., ED.  
FACILITATOR'S INSTRUCTIONAL PLAN.  
THE ADMINISTRATION OF CAREER  
EDUCATION.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
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DESCRIPTORS - \*CAREER EDUCATION;  
\*ADMINISTRATOR EDUCATION;  
\*INSERVICE EDUCATION; \*TEACHING  
GUIDES; PRETESTS; POST TESTING;  
TEACHING TECHNIQUES; WORKSHOPS;  
STAFF ORIENTATION

ABSTRACT - THIS FACILITATOR'S GUIDE  
INTRODUCES AND EXPLAINS AN  
INSERVICE PROGRAM FOR  
ADMINISTRATORS IN CAREER EDUCATION.  
CONSISTING OF EIGHT ADDITIONAL  
MODULES, THE PROGRAM PRESENTS THE  
ADMINISTRATOR WITH AN OPPORTUNITY  
TO EXAMINE CAREER EDUCATION, ITS  
IMPLICATIONS FOR EDUCATIONAL  
PROGRAMS, AND THE VARIOUS  
ADMINISTRATIVE FUNCTIONS AFFECTING  
ITS IMPLEMENTATION. THIS DOCUMENT  
PRESENTS AN OVERVIEW OF THE  
PROGRAM, WITH AN EXPLANATION OF ITS  
ORGANIZATION, A GLOSSARY, AND  
SUGGESTIONS FOR IMPLEMENTATION.  
INCLUDED ARE THREE INSTRUMENTS FOR  
COLLECTION OF PREWORKSHOP DATA TO  
BE USED IN DECIDING LESSON  
PRIORITIES AND IN EVALUATION OF  
OVERALL WORKSHOP EFFECTIVENESS.  
BRIEF DISCUSSION OF VARIOUS  
TEACHING TECHNIQUES ARE APPENDED.

(NJ)

## VT 102 280

DRIER, HARRY N., JR., ED.;  
MARTINEZ, NANCY S., ED.  
AN ORIENTATION TO CAREER EDUCATION.  
THE ADMINISTRATION OF CAREER  
EDUCATION: MODULE I.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
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DESCRIPTORS - \*CAREER EDUCATION;  
\*ADMINISTRATOR EDUCATION;  
\*INSERVICE EDUCATION; STAFF  
ORIENTATION; ORIENTATION MATERIALS;  
INSTRUCTIONAL MATERIALS; LEARNING  
ACTIVITIES; WORKSHOPS  
IDENTIFIERS - \*IMPLEMENTATION  
STRATEGIES

ABSTRACT - THIS MODULE IS ONE OF A  
SERIES OF EIGHT DEVELOPED TO  
PROVIDE INSERVICE TRAINING FOR  
ADMINISTRATORS OF CAREER EDUCATION  
PROGRAMS. AN OPPORTUNITY IS  
PRESENTED TO THE ADMINISTRATOR TO  
EXAMINE CAREER EDUCATION, ITS  
IMPLICATIONS FOR EDUCATIONAL  
CHANGE, AND THE VARIOUS  
ADMINISTRATIVE FUNCTIONS AFFECTING  
ITS IMPLEMENTATION. SUGGESTIONS FOR  
THE FORMULATION OF AN  
IMPLEMENTATION STRATEGY BASE IN  
LOCAL AREAS ARE PRESENTED. IN  
ADDITION, OPPORTUNITIES ARE  
PROVIDED FOR ADMINISTRATORS TO GAIN  
EXPERIENCE IN HANDLING CRITICISM  
RELATED TO CAREER EDUCATION AND TO  
EXPAND THEIR OWN PERSPECTIVES ON  
THE CONCEPT. THE INTRODUCTION  
PROVIDES A BRIEF OVERVIEW OF THE  
PURPOSE AND RATIONALE FOR THE  
MODULE. MODULE GOALS AND OBJECTIVES  
ARE PRESENTED TOGETHER TO SHOW THE  
INTERRELATIONSHIPS, FLOW, AND DEPTH  
OF COVERAGE. EACH OF THE FOUR

LESSONS IS ORGANIZED AROUND A  
MODULE GOAL, SUPPORTIVE CONTENT,  
AND LEARNING ACTIVITIES, WITH  
ACCOMPANYING TRANSPARENCIES, TASK  
SHEETS, AND HANDOUTS. A SECTION OF  
SUPPLEMENTARY READINGS ALSO  
APPEARS. (AUTHOR/NJ)

## VT 102 281

DRIER, HARRY N., JR., ED.;  
MARTINEZ, NANCY S., ED.  
CHANGE STRATEGIES AND TECHNIQUES.  
THE ADMINISTRATION OF CAREER  
EDUCATION: MODULE II.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
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EIGHT, ORDER #S05, \$25.00 PER SET.)  
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DESCRIPTORS - \*CAREER EDUCATION;  
\*ADMINISTRATOR EDUCATION;  
\*INSERVICE EDUCATION; \*CHANGE  
STRATEGIES; INSTRUCTIONAL  
MATERIALS; LEARNING ACTIVITIES;  
WORKSHOPS

ABSTRACT - THIS MODULE IS ONE OF A  
SERIES OF EIGHT DEVELOPED TO  
PROVIDE INSERVICE TRAINING FOR  
ADMINISTRATORS OF CAREER EDUCATION  
PROGRAMS. THE FOCUS OF THIS MODULE  
IS ON A "PLANNED CHANGE" PROCESS TO  
IMPLEMENT CAREER EDUCATION  
PROGRAMS. A SIGNIFICANT AMOUNT OF  
THE MODULE'S CONTENT IS ORIENTED  
TOWARD EXPOSING THE LEARNER TO  
VARIOUS TOOLS TO BE USED IN DEALING  
WITH CHANGE VARIABLES. THE TOOLS  
RANGE FROM ORGANIZATIONAL SCHEMES  
WHICH LOGICALLY ORDER  
IMPLEMENTATION TASKS, TO DIAGNOSTIC  
TOOLS FOR GAUGING THE PULSE OF AN  
EDUCATIONAL ORGANIZATION. THE  
INTRODUCTION PROVIDES A BRIEF  
OVERVIEW OF THE PURPOSE AND  
RATIONALE FOR THE MODULE. GOALS AND  
OBJECTIVES ARE PRESENTED TOGETHER  
TO SHOW THE INTERRELATIONSHIPS,

FLOW, AND DEPTH OF COVERAGE. EACH OF THE FOUR LESSONS IS ORGANIZED AROUND A MODULE GOAL, SUPPORTIVE CONTENT, AND LEARNING ACTIVITIES, WITH ACCOMPANYING TRANSPARENCIES, TASK SHEETS, AND HANDOUTS. A SECTION OF SUPPLEMENTARY READINGS ALSO APPEARS. (AUTHOR/NJ)

#### VT 102 282

DRIER, HARRY N., JR., ED.;  
MARTINEZ, NANCY S., ED.  
CAREER EDUCATION NEEDS ASSESSMENT.  
THE ADMINISTRATION OF CAREER  
EDUCATION: MODULE III.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
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OHIO STATE UNIVERSITY, 1960 KENNY  
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PUB DATE - 75 98P.; RELATED  
DOCUMENTS VT 102 279 THROUGH VT 102  
287 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ADMINISTRATOR EDUCATION;  
\*INSERVICE EDUCATION; INSTRUCTIONAL  
MATERIALS; ORIENTATION MATERIALS;  
WORKSHOPS  
IDENTIFIERS - \*NEEDS ASSESSMENT

ABSTRACT - THIS MODULE IS ONE OF A  
SERIES OF EIGHT DEVELOPED TO  
PROVIDE INSERVICE TRAINING FOR  
ADMINISTRATORS OF CAREER EDUCATION  
PROGRAMS. THE FOCUS OF THIS MODULE  
IS ON THE DETERMINATION OF NEEDS AS  
A PREREQUISITE FOR IMPLEMENTATION  
OF PROGRAMS IN CAREER EDUCATION.  
THE MAJOR LESSON TOPICS ARE: (1)  
THE IMPORTANCE OF NEEDS ASSESSMENT  
IN CAREER EDUCATION; (2) NEEDS  
ASSESSMENT INSTRUMENTATION; AND (3)  
ANALYSIS AND UTILIZATION OF NEEDS  
ASSESSMENT DATA. THE INTRODUCTION  
PROVIDES A BRIEF OVERVIEW OF THE  
PURPOSE AND RATIONALE FOR THE  
MODULE. GOALS AND OBJECTIVES ARE  
PRESENTED TOGETHER TO SHOW THE  
INTERRELATIONSHIPS, FLOW, AND DEPTH  
OF COVERAGE. EACH OF THE THREE  
LESSONS IS ORGANIZED AROUND A

MODULE GOAL, SUPPORTIVE CONTENT,  
AND LEARNING ACTIVITIES, WITH  
ACCOMPANYING TRANSPARENCIES, TASK  
SHEETS, AND HANDOUTS. A SECTION OF  
SUPPLEMENTARY READINGS ALSO  
APPEARS. (AUTHOR/NJ)

#### VT 102 283

DRIER, HARRY N., JR., ED.;  
MARTINEZ, NANCY S., ED.  
IDENTIFICATION OF RESOURCES. THE  
ADMINISTRATION OF CAREER EDUCATION:  
MODULE IV.

OHIO STATE UNIV., COLUMBUS. CENTER  
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NATIONAL INST. OF EDUCATION (DHEW),  
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DOCUMENT NOT AVAILABLE IN MF OR HC.  
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287 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ADMINISTRATOR EDUCATION;  
\*INSERVICE EDUCATION; HUMAN  
RESOURCES; \*INFORMATION SOURCES;  
RESOURCE CENTERS; \*OCCUPATIONAL  
INFORMATION; INFORMATION  
DISSEMINATION; INSTRUCTIONAL  
MATERIALS

ABSTRACT - THIS MODULE IS ONE OF A  
SERIES OF EIGHT DEVELOPED TO  
PROVIDE INSERVICE TRAINING FOR  
ADMINISTRATORS OF CAREER EDUCATION  
PROGRAMS. IT FOCUSES THE ATTENTION  
OF THE ADMINISTRATOR ON THE VARIOUS  
RESOURCES OF THE INFORMATIONAL  
SERVICES -- OCCUPATIONAL,  
EDUCATIONAL, AND PERSONAL-SOCIAL --  
WHICH ARE AVAILABLE FOR USE IN  
CAREER EDUCATION RESOURCE CENTERS  
AND THE INTEGRATION OF CAREER  
EDUCATION MATERIALS INTO THE  
REGULAR CLASSROOM CURRICULUM. THE  
LESSON TOPICS INCLUDE: USING  
RESOURCES TO FACILITATE STUDENT  
AWARENESS; CLASSIFYING AND  
DISSEMINATING CAREER INFORMATION;  
ASSESSING HUMAN AND NON-HUMAN  
RESOURCES; AND SOURCES OF  
OCCUPATIONAL, EDUCATIONAL AND

PERSONAL-SOCIAL MATERIALS, TASK SHEETS AND HANDOUTS TO ACCOMPANY THE LESSONS ARE INCLUDED, ALONG WITH A LIST OF SUPPLEMENTARY READINGS. (AUTHOR/NJ)

#### VT 102 284

DRIER, HARRY N., JR., ED.; MARTINEZ, NANCY S., ED. PROGRAM DEVELOPMENT COMPONENTS OF CAREER EDUCATION. THE ADMINISTRATION OF CAREER EDUCATION: MODULE V.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C. DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #S05V, \$5.00 EA.; COMPLETE SET OF EIGHT, ORDER #S05, \$25.00 PER SET.) PUB DATE - 75 102P.; RELATED DOCUMENTS VT 102 279 THROUGH VT 102 287 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*ADMINISTRATOR EDUCATION; \*INSERVICE EDUCATION; WORKSHOPS; \*PROGRAM DEVELOPMENT; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS MODULE IS ONE OF A SERIES OF EIGHT DEVELOPED TO PROVIDE INSERVICE TRAINING FOR ADMINISTRATORS OF CAREER EDUCATION PROGRAMS. IT ATTEMPTS TO IDENTIFY THE ESSENTIAL COMPONENTS OF COMPREHENSIVE CAREER EDUCATION PROGRAM DEVELOPMENT. A CAREFUL EXAMINATION IS MADE OF THE MAJOR COMPONENTS OF PROGRAM DEVELOPMENT: CURRICULUM, STAFF DEVELOPMENT, GUIDANCE AND PLACEMENT, COMMUNITY INVOLVEMENT, SUPPORT SYSTEMS, AND EVALUATION. THE PROCESS OF WORKING SUCH A PROGRAM INTO THE SCHOOL THROUGH STAFF, STUDENTS, PARENTS, AND COMMUNITY GROUPS IS PRESENTED AND VIEWS AS AN INTERACTIVE PROCESS WHEREIN PLANNING, IMPLEMENTATION, AND REVIEW ARE CONTINUOUS AND OF CONCERN TO ALL GROUPS. THE TWO LESSON TOPICS ARE PROGRAM DEVELOPMENT COMPONENTS. TRANSPARENCIES, TASK SHEETS, AND

HANDOUTS ACCOMPANY THE LESSONS, AND A LIST OF SUPPLEMENTARY READINGS IS ALSO INCLUDED. (AUTHOR/NJ)

#### VT 102 285

DRIER, HARRY N., JR., ED.; MARTINEZ, NANCY S., ED. EVALUATING PROGRAM COMPONENTS. THE ADMINISTRATION OF CAREER EDUCATION: MODULE VI.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C. DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #S05VI, \$5.00 EA.; COMPLETE SET OF EIGHT, ORDER #S05, \$25.00 PER SET.) PUB DATE - 75 89P.; RELATED DOCUMENTS VT 102 279 THROUGH VT 102 287 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*ADMINISTRATOR EDUCATION; \*INSERVICE EDUCATION; \*PROGRAM EVALUATION; ACCOUNTABILITY; DECISION MAKING; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS MODULE IS ONE OF A SERIES OF EIGHT DEVELOPED TO PROVIDE INSERVICE TRAINING FOR ADMINISTRATORS OF CAREER EDUCATION PROGRAMS. IT ADDRESSES ITSELF TO DEVELOPING AN UNDERSTANDING OF EVALUATION AS IT APPLIES TO ACCOUNTABILITY AND DECISIONMAKING. THE LEARNING OBJECTIVES ARE: TO UNDERSTAND THE ACCOUNTABILITY FUNCTION OF EVALUATION; TO RELATE EVALUATION TO THE DECISIONMAKING PROCESS; TO CONSIDER THE BASIC COMPONENTS OF A COMPREHENSIVE EVALUATION SYSTEM; AND TO BECOME FAMILIAR WITH EVALUATION AS IT APPLIES TO THE PROGRAM COMPONENTS OF CAREER EDUCATION. EACH OF THE FOUR LESSONS IS ACCOMPANIED BY TRANSPARENCIES, HANDOUTS, AND TASK SHEETS. A LIST OF SUPPLEMENTARY READINGS IS ALSO INCLUDED. (AUTHOR/NJ)

#### VT 102 286

DRIER, HARRY N., JR., ED.;



MARTINEZ, NANCY S., ED.  
FINANCIAL AND RESOURCE PLANNING.  
THE ADMINISTRATION OF CAREER  
EDUCATION: MODULE VII.

OHIO STATE UNIV., COLUMBUS. CENTER  
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NATIONAL INST. OF EDUCATION (DHEW),  
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DOCUMENT NOT AVAILABLE IN MF OR HC.  
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OHIO STATE UNIVERSITY, 1960 KENNY  
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EIGHT, ORDER #S05, \$25.00 PER SET.)  
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287 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ADMINISTRATOR EDUCATION;  
\*INSERVICE EDUCATION; \*EDUCATIONAL  
FINANCE; RESOURCE ALLOCATIONS;  
FINANCIAL SUPPORT; \*PROGRAM  
PLANNING; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS MODULE IS ONE OF A  
SERIES OF EIGHT DEVELOPED TO  
PROVIDE INSERVICE TRAINING TO  
ADMINISTRATORS OF CAREER EDUCATION  
PROGRAMS. IT PRESENTS FINANCIAL  
PROGRAM PLANNING AS AN INTEGRAL  
PART OF THE ADMINISTRATION OF  
CAREER EDUCATION. FINANCIAL PROGRAM  
PLANNING AS A CONCEPT AND BASIC  
ADMINISTRATIVE TASK IS DEFINED IN  
THIS MODULE TO INCLUDE THREE  
ELEMENTS: (1) FINANCIAL PLANNING,  
(2) FINANCIAL PROGRAMMING, AND (3)  
BUDGETING. THE LEARNING OBJECTIVES  
OF THE MODULE ARE: TO BECOME  
FAMILIAR WITH PROCEDURES IN  
FINANCIAL PLANNING; TO BECOME  
FAMILIAR WITH A FINANCIAL PROGRAM  
FOR CAREER EDUCATION; TO IDENTIFY  
FINANCIAL AND HUMAN RESOURCES  
NECESSARY FOR THE SUPPORT OF A  
TOTAL PROGRAM; AND TO DEVELOP AN  
OPERATIONAL PLAN FOR USE IN A LOCAL  
EDUCATION AGENCY. EACH OF THE FOUR  
LESSONS INCLUDES TRANSPARENCIES,  
TASK SHEETS, AND HANDOUTS. A LIST  
OF SUPPLEMENTARY READINGS ALSO  
APPEARS. (AUTHOR/NJ)

VT 102 287  
DRIER, HARRY N., JR., ED.;  
MARTINEZ, NANCY S., ED.

DEVELOPING AN IMPLEMENTATION PLAN.  
THE ADMINISTRATION OF CAREER  
EDUCATION: MODULE VIII.

OHIO STATE UNIV., COLUMBUS. CENTER  
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NATIONAL INST. OF EDUCATION (DHEW),  
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287 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ADMINISTRATOR EDUCATION;  
\*INSERVICE EDUCATION; INSTRUCTIONAL  
MATERIALS; \*PROGRAM PLANNING;  
\*PROGRAM DEVELOPMENT

ABSTRACT - THIS MODULE IS ONE OF A  
SERIES OF EIGHT DEVELOPED TO  
PROVIDE INSERVICE EDUCATION  
TRAINING FOR ADMINISTRATORS OF  
CAREER EDUCATION PROGRAMS. AN  
EXAMINATION OF BASIC SCIENTIFIC  
PLANNING APPROACHES AND PROCEDURES  
IS PRESENTED TO PROVIDE THE  
ADMINISTRATOR WITH A BASIC TOOL TO  
IMPLEMENT CAREER EDUCATION. VARIOUS  
SCIENTIFIC MANAGEMENT TECHNIQUES  
AND THEIR APPLICATION TO  
EDUCATIONAL PLANNING ARE REVIEWED.  
THE EMPHASIS IS THEN PLACED ON  
ACTIVITIES THAT INVOLVE STUDENTS IN  
PRACTICAL, USEFUL EXERCISES. THE  
FINAL PRODUCT IS A PLAN OF  
IMPLEMENTATION WHICH IS APPLICABLE  
TO THE SITUATION IN STUDENTS' LOCAL  
DISTRICTS. BOTH LESSONS INCLUDE  
TRANSPARENCIES AND LISTS OF  
SUPPLEMENTARY READINGS. (AUTHOR/NJ)

VT 102 288  
NORTON, ROBERT E.; AND OTHERS  
CAREER EDUCATION: AN INTEGRATING  
PROCESS. STAFF DEVELOPMENT IN  
CAREER EDUCATION FOR THE ELEMENTARY  
SCHOOL: MODULE I.

OHIO STATE UNIV., COLUMBUS. CENTER  
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NATIONAL INST. OF EDUCATION (DHEW),



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SEVEN, ORDER #S06, \$15.00 PER SET.)  
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DOCUMENTS VT 102 288 THROUGH VT 102  
294 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ELEMENTARY SCHOOL TEACHERS;  
\*INSERVICE TEACHER EDUCATION;  
MODELS; \*CURRICULUM DEVELOPMENT

ABSTRACT - THIS MODULE IS THE FIRST  
OF A SERIES OF SEVEN DISCRETE  
MODULES DESIGNED TO ASSIST  
ELEMENTARY SCHOOL TEACHERS IN THE  
DEVELOPMENT OF A CAREER EDUCATION  
PROGRAM OR TO ENRICH AN ALREADY  
ESTABLISHED PROGRAM. MODULE I MAY  
BE USED SEPARATELY OR IN  
CONJUNCTION WITH THE OTHER MODULES.  
TOPICS COVERED IN UNITS ONE THROUGH  
FIVE OF MODULE I INCLUDE AN  
OVERVIEW OF CAREER EDUCATION, SOME  
OF ITS HISTORICAL ANTECEDENTS, AND  
SOME OPPOSING VIEWPOINTS ON THE  
SUBJECT. DISCUSSIONS OF SOME STATE  
AND NATIONAL CAREER EDUCATION  
MODELS AND OF THE CHANGING ROLES  
AND RESPONSIBILITIES OF THOSE  
INVOLVED IN A COMPREHENSIVE CAREER  
EDUCATION PROGRAM COMPLETE THE  
DOCUMENT. ACCOMPANYING THE  
SUBSTANTIVE MATERIAL ARE REFERENCES  
AND A SAMPLE SELF-AWARENESS THEMES  
AND GOALS. (AUTHOR/LJ)

#### VT 102 289

NORTON, ROBERT E.; AND OTHERS.  
ESSENTIALS OF CAREER DEVELOPMENT  
THEORY. STAFF DEVELOPMENT IN CAREER  
EDUCATION FOR THE ELEMENTARY  
SCHOOL: MODULE II.

OHIO STATE UNIV., COLUMBUS. CENTER  
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NATIONAL INST. OF EDUCATION (DHEW),  
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DOCUMENT NOT AVAILABLE IN MF OR HC.  
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DOCUMENTS VT 102 288 THROUGH VT 102  
294 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ELEMENTARY SCHOOL TEACHERS;  
\*INSERVICE TEACHER EDUCATION;  
\*THEORIES; \*CURRICULUM DEVELOPMENT  
IDENTIFIERS - CAREER DEVELOPMENT

ABSTRACT - THIS MODULE IS THE  
SECOND OF A SERIES OF SEVEN  
DISCRETE MODULES DESIGNED TO ASSIST  
ELEMENTARY SCHOOL TEACHERS IN THE  
DEVELOPMENT OF A CAREER EDUCATION  
PROGRAM OR TO ENRICH AN ALREADY  
ESTABLISHED PROGRAM. MODULE II MAY  
BE USED SEPARATELY OR IN  
CONJUNCTION WITH THE OTHER MODULES.  
THE MODULE CONTAINS TWO UNITS, ONE  
WHICH IDENTIFIES THE KEY CONCEPTS  
OF EACH OF THE MAJOR CAREER  
DEVELOPMENT THEORIES THAT EXIST,  
AND THE OTHER WHICH ATTEMPTS TO  
HELP THE READER RELATE LOCAL  
CURRICULUM GOALS TO THESE CAREER  
DEVELOPMENT THEORIES. SUPPLEMENTARY  
REFERENCES COMPLETE THE DOCUMENT.  
(AUTHOR/LJ)

#### VT 102 290

NORTON, ROBERT E.; AND OTHERS  
SELF-CONCEPT DEVELOPMENT. STAFF  
DEVELOPMENT IN CAREER EDUCATION FOR  
THE ELEMENTARY SCHOOL: MODULE III.

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294 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ELEMENTARY SCHOOL TEACHERS;  
\*INSERVICE TEACHER EDUCATION; \*SELF  
CONCEPT; THEORIES; \*CURRICULUM  
DEVELOPMENT

ABSTRACT - THIS MODULE IS THE THIRD  
OF A SERIES OF SEVEN DISCRETE

MODULES DESIGNED TO ASSIST ELEMENTARY SCHOOL TEACHERS IN THE DEVELOPMENT OF A CAREER EDUCATION PROGRAM OR TO ENRICH AN ALREADY ESTABLISHED PROGRAM. MODULE III MAY BE USED SEPARATELY OR IN CONJUNCTION WITH THE OTHER MODULES. THIS MODULE CONTAINS SEVEN UNITS AND IS INTENDED TO HELP DEFINE SELF-CONCEPT, EXAMINE SEVERAL SELF-CONCEPT THEORIES, AND RELATE THE LEARNER'S SELF-CONCEPT TO CAREER CHOICE. DISTINCTION IS MADE NOT ONLY BETWEEN SEVERAL SELF-CONCEPT ASSESSMENT INSTRUMENTS, BUT ALSO BETWEEN SEVERAL SELF-CONCEPT DEVELOPMENT PROGRAMS THAT ARE AVAILABLE COMMERCIALY. FINALLY, THE PROCESS FOR DEVELOPING A WRITTEN GRADE LEVEL PROGRAM OF LEARNING ACTIVITIES ON SELF-CONCEPT DEVELOPMENT FOR ELEMENTARY SCHOOL CHILDREN IS ADDRESSED. THE DOCUMENT ALSO CONTAINS SUPPLEMENTARY REFERENCES FOR THE MODULE. (AUTHOR/LJ)

#### VT 102 291

NORTON, ROBERT E.; AND OTHERS  
CHILD STUDY. STAFF DEVELOPMENT IN  
CAREER EDUCATION FOR THE ELEMENTARY  
SCHOOL: MODULE IV.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC.  
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DOCUMENTS VT 102 288 THROUGH VT 102  
294 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ELEMENTARY SCHOOL TEACHERS;  
\*INSERVICE TEACHER EDUCATION;  
VALUES; \*CURRICULUM DEVELOPMENT  
IDENTIFIERS - \*CHILD STUDY

ABSTRACT - THIS MODULE IS THE  
FOURTH OF A SERIES OF SEVEN  
DISCRETE MODULES DESIGNED TO ASSIST  
ELEMENTARY SCHOOL TEACHERS IN THE  
DEVELOPMENT OF A CAREER EDUCATION

PROGRAM OR TO ENRICH AN ALREADY  
ESTABLISHED PROGRAM. MODULE IV MAY  
BE USED SEPARATELY OR IN  
CONJUNCTION WITH THE OTHER MODULES.  
THIS MODULE CONTAINS FOUR UNITS  
WHICH COVER THE TOPICS OF THE  
PURPOSES AND TECHNIQUES OF CHILD  
STUDY, VALUE CLARIFICATION, AND  
PLANNING AND DESIGNING A PROGRAM OF  
CHILD STUDY. SUPPLEMENTARY  
REFERENCES FOR MODULE IV ARE ALSO  
PROVIDED. (AUTHOR/LJ)

#### VT 102 292

NORTON, ROBERT E.; AND OTHERS  
CURRICULUM. STAFF DEVELOPMENT IN  
CAREER EDUCATION FOR THE ELEMENTARY  
SCHOOL: MODULE V.

OHIO STATE UNIV., COLUMBUS. CENTER  
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OHIO STATE UNIVERSITY, 1960 KENNY  
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SEVEN, ORDER #S06, \$15.00 PER SET.)  
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DOCUMENTS VT 102 288 THROUGH VT 102  
294 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ELEMENTARY SCHOOL TEACHERS;  
\*INSERVICE TEACHER EDUCATION;  
\*ELEMENTARY SCHOOL CURRICULUM;  
OCCUPATIONAL CLUSTERS; INFORMATION  
SYSTEMS; PROBLEM SOLVING;  
\*CURRICULUM DEVELOPMENT

ABSTRACT - THIS MODULE IS THE FIFTH  
OF A SERIES OF SEVEN DISCRETE  
MODULES DESIGNED TO ASSIST  
ELEMENTARY SCHOOL TEACHERS IN THE  
DEVELOPMENT OF A CAREER EDUCATION  
PROGRAM OR TO ENRICH AN ALREADY  
ESTABLISHED PROGRAM. MODULE V MAY  
BE USED SEPARATELY OR IN  
CONJUNCTION WITH THE OTHER MODULES.  
IN MODULE V, INFUSION OF CAREER  
DEVELOPMENT CONCEPTS IS EXPLAINED,  
AND THE CREATIVE PROBLEM-SOLVING  
PROCESS IS DISCUSSED. CURRICULUM  
MATERIALS ARE REVIEWED AND PRACTICE  
IN IMPLEMENTING SUCH MATERIALS IS  
SUGGESTED. OCCUPATIONAL CLUSTERING  
AND CAREER INFORMATION SYSTEMS ARE

ALSO DISCUSSED. (AUTHOR/LJ)

# VT 102 293

NORTON, ROBERT E.; AND OTHERS  
COMMUNITY INVOLVEMENT IN A CAREER  
EDUCATION PROGRAM. STAFF  
DEVELOPMENT IN CAREER EDUCATION FOR  
THE ELEMENTARY SCHOOL: MODULE VI.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC.  
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SEVEN, ORDER #S06, \$15.00 PER SET.)  
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294 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ELEMENTARY SCHOOL TEACHERS;  
\*INSERVICE TEACHER EDUCATION;  
\*COMMUNITY INVOLVEMENT; ROLE  
PLAYING; FIELD TRIPS; \*CURRICULUM  
DEVELOPMENT

ABSTRACT - THIS MODULE IS THE SIXTH  
OF A SERIES OF SEVEN DISCRETE  
MODULES DESIGNED TO ASSIST  
ELEMENTARY SCHOOL TEACHERS IN THE  
DEVELOPMENT OF A CAREER EDUCATION  
PROGRAM OR TO ENRICH AN ALREADY  
ESTABLISHED PROGRAM. MODULE VI MAY  
BE USED SEPARATELY OR IN  
CONJUNCTION WITH THE OTHER MODULES.  
THERE ARE FIVE UNITS IN MODULE VI  
WITH TOPICS COVERING COMMUNITY  
INVOLVEMENT, COMMUNITY VOLUNTEERS,  
THE FIELD TRIP, CLASSROOM  
INTERVIEWING, AND ROLE PLAYING.  
SUPPLEMENTARY REFERENCES FOR MODULE  
VI ARE PROVIDED. (AUTHOR/LJ)

# VT 102 294

NORTON, ROBERT E.; AND OTHERS  
CAREER EDUCATION AND MINORITIES.  
STAFF DEVELOPMENT IN CAREER  
EDUCATION FOR THE ELEMENTARY  
SCHOOL: MODULE VII.

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NATIONAL INST. OF EDUCATION (DHEW),  
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DOCUMENT NOT AVAILABLE IN MF OR HC.  
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SEVEN, ORDER #S06, \$15.00 PER SET.)  
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DOCUMENTS VT 102 288 THROUGH VT 102  
294 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ELEMENTARY SCHOOL TEACHERS;  
\*MINORITY GROUPS; SEX STEREOTYPES;  
SEX ROLE; RACISM; \*CURRICULUM  
DEVELOPMENT; \*INSERVICE TEACHER  
EDUCATION

ABSTRACT - THIS MODULE IS THE  
SEVENTH OF A SERIES OF SEVEN  
DISCRETE MODULES DESIGNED TO ASSIST  
ELEMENTARY SCHOOL TEACHERS IN THE  
DEVELOPMENT OF A CAREER EDUCATION  
PROGRAM OR TO ENRICH AN ALREADY  
ESTABLISHED PROGRAM. MODULE VII MAY  
BE USED SEPARATELY OR IN  
CONJUNCTION WITH THE OTHER MODULES.  
MODULE VII DEALS WITH CAREER  
EDUCATION AND MINORITIES,  
SPECIFICALLY RACISM AWARENESS AND  
SEX-ROLE STEREOTYPING. ALSO INCLUDED  
IS A COORDINATOR'S UNIT ADDRESSING  
CONCERNS, RESERVATIONS, AND  
RESISTENCE RELATING TO CAREER  
EDUCATION FOR MINORITIES.  
(AUTHOR/LJ)

# VT 102 295

NORTON, ROBERT E.; AND OTHERS  
STAFF DEVELOPMENT PROGRAM FOR  
PROMOTING MORE EFFECTIVE USE OF  
COMMUNITY RESOURCES IN CAREER  
EDUCATION. SECTION II: IN-SERVICE  
PROGRAM. MODULES A-H.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC.  
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OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#S08II, \$11.00 PER SET OF MODULES  
A-H; ORDER #S08II(A-H), \$1.50 EA.,  
MODULES AVAILABLE SEPARATELY;  
COMPLETE SET OF SECTION I AND  
SECTION II, ORDER #S08, \$15.00 PER  
SET.)

PUB DATE - 75 384P.; RELATED  
DOCUMENT VT 102 400 IN THIS ISSUE.

DESCRIPTORS - \*COMMUNITY RESOURCES;  
\*INSERVICE PROGRAMS; \*RESOURCE  
UNITS; LESSON PLANS; INSTRUCTIONAL  
MATERIALS; \*STAFF IMPROVEMENT;  
\*CAREER EDUCATION; SCHOOL COMMUNITY  
RELATIONSHIP; PROGRAM COORDINATION

ABSTRACT - THE INSERVICE PROGRAM  
SECTION OF THE STAFF DEVELOPMENT  
PROGRAM FOR PROMOTING MORE  
EFFECTIVE USE OF COMMUNITY  
RESOURCES IN CAREER EDUCATION  
CONSISTS OF EIGHT MODULES. EACH  
MODULE CONTAINS AN INSTRUCTIONAL  
PLAN, HANDOUT AND TRANSPARENCY  
MASTERS, AND RESOURCE MATERIALS.  
THE EIGHT SEPARATE MODULES ARE: A--  
COMMUNITY RESOURCES AND CAREER  
EDUCATION; B--USE OF LOCAL  
COMMUNITY RESOURCES; C--USING  
RESOURCE PERSONS; D--USING FIELD  
TRIPS; E--EXPERIENCING THE WORK  
SETTING; F--USING COMMUNITY-SCHOOL  
ADVISORY COMMITTEES; G--INVOLVING  
COMMUNITY ORGANIZATIONS; AND H--  
APPLICATION ACTIVITY. SECTION I OF  
THE PROGRAM CONTAINING THE PLAN AND  
SURVEY PROCEDURES IS AVAILABLE AS  
VT 102 400. (AUTHOR/MF)

VT 102 296

HACKMAN, J. RICHARD  
ON THE COMING DEMISE OF JOB  
ENRICHMENT.

YALE UNIV., NEW HAVEN, CONN. DEPT.  
OF ADMINISTRATIVE SCIENCES.  
MANPOWER ADMINISTRATION (DOL),  
WASHINGTON, D.C. OFFICE OF RESEARCH  
AND DEVELOPMENT.; OFFICE OF NAVAL  
RESEARCH, WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
NATIONAL TECHNICAL INFORMATION  
SERVICE, SPRINGFIELD, VA. 21151  
PUB DATE - DEC74 32P.

DESCRIPTORS - \*JOB DEVELOPMENT;  
\*WORK SIMPLIFICATION; \*CHANGE  
STRATEGIES; \*JOB SATISFACTION; \*JOB  
ANALYSIS

ABSTRACT - THIS REPORT EXPLORES A  
NUMBER OF FREQUENTLY OBSERVED  
ERRORS IN IMPLEMENTING JOB

ENRICHMENT THAT CAN LEAD TO  
"FAILURES" OF THE TECHNIQUE, AND  
IDENTIFIES A NUMBER OF INGREDIENTS  
COMMON TO MOST OF THE OBSERVED  
"SUCCESSFUL" JOB ENRICHMENT  
PROJECTS. OBSERVATIONS FOR THIS  
STUDY WERE GATHERED OVER THE YEARS  
1972-74 FROM APPROXIMATELY 20  
ORGANIZATIONS WHICH WERE IN THE  
PROCESS OF USING JOB REDESIGN. THIS  
REPORT FIRST MAKES A CASE FOR THE  
PRESERVATION OF JOB REDESIGN, THEN  
LISTS SEVEN PROBLEMS OR PITFALLS  
ORGANIZATIONS MAY ENCOUNTER IN A  
JOB REDESIGN PROGRAM, AND CONCLUDES  
WITH A DISCUSSION OF FIVE  
INGREDIENTS TO FURTHER SUCCESS OF  
SUCH A PROGRAM. (AUTHOR/LJ)

VT 102 297

ZURBRICK, PHILLIP R., COMP.  
SUMMARIES OF STUDIES IN  
AGRICULTURAL EDUCATION. PACIFIC  
REGION. 1973-74.

ARIZONA UNIV., TUCSON. DEPT. OF  
AGRICULTURAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - DEC74 61P.

DESCRIPTORS - \*ANNOTATED  
BIBLIOGRAPHIES; \*AGRICULTURAL  
EDUCATION; STUDENT RESEARCH;  
\*RESEARCH  
IDENTIFIERS - PACIFIC REGION

ABSTRACT - THIS DOCUMENT PRESENTS  
AN ANNOTATED BIBLIOGRAPHY OF  
STUDIES IN AGRICULTURAL EDUCATION  
COMPLETED DURING 1973 AND 1974 IN  
THE STATES OF THE PACIFIC REGION.  
SUBMITTED BY TEACHER EDUCATORS, THE  
47 ITEMS WERE MOSTLY  
DESCRIPTIVE/SURVEY STUDIES DONE AS  
MASTER'S PAPERS. THE 47 STUDIES ARE  
PRESENTED IN ALPHABETICAL ORDER BY  
AUTHOR. A SUBJECT INDEX AND LIST OF  
STUDIES IN PROGRESS IS ALSO  
INCLUDED. (LJ)

VT 102 298

GREEN, GARY Q., COMP.  
SELECTED DATA ON DAVIDSON COUNTY  
FOR EDUCATIONAL PLANNERS.

TENNESSEE UNIV., KNOXVILLE.  
OCCUPATIONAL RESEARCH AND



DEVELOPMENT COORDINATING UNIT.;  
TENNESSEE UNIV., KNOXVILLE. COLL.  
OF EDUCATION.

TENNESSEE STATE BOARD FOR  
VOCATIONAL EDUCATION, NASHVILLE.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 1JAN73 20P.

DESCRIPTORS - \*DATA; \*EDUCATIONAL  
PLANNING; \*VOCATIONAL EDUCATION;  
\*STATEWIDE PLANNING  
IDENTIFIERS - DAVIDSON COUNTY;  
\*TENNESSEE

ABSTRACT - THIS DOCUMENT IS ONE OF  
A SERIES OF 95 BOOKLETS, ONE FOR  
EACH COUNTY IN TENNESSEE, AND  
PRESENTS DATA FOR DAVIDSON COUNTY  
IN THE FORM OF TABLES AND CHARTS TO  
ASSIST EDUCATIONAL PLANNING AT THE  
STATE AND LOCAL LEVEL. THE DATA  
PRESENTED IS CHOSEN FOR ITS  
PRACTICAL VALUE IN DETERMINING  
WHICH VOCATIONAL COURSE OFFERINGS  
WOULD BE OF THE GREATEST VALUE TO  
THE COMMUNITY AS A WHOLE AFTER  
CONSIDERING BOTH THE DEMOGRAPHIC  
AND ECONOMIC GROWTH PATTERNS. BY  
COMBINING DATA FOUND IN VARIOUS  
SECTIONS OF THIS BOOKLET WITH THE  
KNOWLEDGE AVAILABLE ONLY TO THOSE  
PERSONS DEALING WITH THE PRACTICAL  
REALITIES OF DAY-TO-DAY OPERATIONS,  
IT IS HOPED THAT THE STRENGTHS OF  
BOTH THE THEORETICIAN AND THE  
PRACTITIONER WILL EMERGE BY CAUSING  
OPERATIONAL DECISIONS TO BE BASED  
UPON HARD DATA. (AUTHOR/LJ)

VT 102 299

TEXAS CONFERENCE FOR VOCATIONAL  
ADMINISTRATORS AND VOCATIONAL  
SUPERVISORS (OCTOBER 8-11, 1974).

TEXAS A AND M UNIV., COLLEGE  
STATION. COLL. OF EDUCATION; TEXAS  
EDUCATION AGENCY, AUSTIN.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - OCT74 72P.

DESCRIPTORS - \*VOCATIONAL  
EDUCATION; \*ADMINISTRATIVE  
PERSONNEL; SUPERVISORS; \*CONFERENCE  
REPORTS; \*EDUCATIONAL FINANCE;  
\*COMMUNITY RELATIONS

ABSTRACT - THE GENERAL SESSIONS OF  
THIS NATIONWIDE CONFERENCE FOR  
VOCATIONAL ADMINISTRATORS AND  
SUPERVISORS ADDRESSED THE TOPICS OF  
WEIGHTED PUPIL AND STATE FUNDING,  
LEADERSHIP, AND AREA SCHOOL  
JURISDICTION. SUMMARIES OF  
SECTIONAL MEETING SPEECHES ON  
COMMUNITY RELATIONS, FINANCING  
VOCATIONAL EDUCATION, TECHNIQUES OF  
SUPERVISION, AND THE MANAGEMENT OF  
VOCATIONAL EDUCATION ARE ALSO  
INCLUDED, AS WELL AS THE RESULTS OF  
PARTICIPANT EVALUATION. (NJ)

VT 102 300

GUIDELINES FOR VOCATIONAL EDUCATION  
PROGRAM IN NEBRASKA PUBLIC SCHOOLS.

NEBRASKA STATE DEPT. OF EDUCATION,  
LINCOLN. DIV. OF VOCATIONAL  
EDUCATION.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 75 64P.

DESCRIPTORS - \*VOCATIONAL  
EDUCATION; \*PROGRAM DEVELOPMENT;  
\*STATEWIDE PLANNING; \*MASTER PLANS;  
\*ADMINISTRATOR GUIDES; PROGRAM  
ADMINISTRATION; PROGRAM PLANNING;  
FINANCIAL SUPPORT; PROJECT  
APPLICATIONS  
IDENTIFIERS - NEBRASKA

ABSTRACT - THIS PUBLICATION SERVES  
AS A SUPPLEMENT TO THE NEBRASKA  
STATE PLAN OF VOCATIONAL EDUCATION  
AND OUTLINES DETAILED DIRECTIONS  
THAT ARE NEEDED FOR A MORE  
COMPREHENSIVE TREATMENT OF PROGRAM  
DEVELOPMENT AND OPERATIONAL  
PROCEDURES. THE REPORT IS  
STRUCTURED IN SEVEN SECTIONS: (1)  
GENERAL PROVISIONS; (2) FINANCIAL  
PARTICIPATION; (3) PART B PROGRAMS;  
(4) CONSUMER AND HOMEMAKING  
EDUCATION PROGRAMS; (5) COOPERATIVE  
EDUCATION PROGRAMS; (6) EXEMPLARY  
PROGRAMS AND PROJECTS; AND (7)  
WORK-STUDY PROGRAMS. (VA)

VT 102 301

GRAY, KENNEY E.; AND OTHERS  
A NEEDS ASSESSMENT OF EMPLOYMENT  
DEMANDS/INTERESTS FOR NASHVILLE-

**DAVIDSON COUNTY METROPOLITAN PUBLIC SCHOOLS.**

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NASHVILLE-DAVIDSON COUNTY METROPOLITAN PUBLIC SCHOOLS, TENN. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - MAY75 296P.

DESCRIPTORS - \*MANPOWER NEEDS; \*STUDENT INTERESTS; \*DEMAND OCCUPATIONS; \*EMPLOYMENT QUALIFICATIONS; \*PARENTAL ASPIRATION; SURVEYS; SEMISKILLED WORKERS; SKILLED WORKERS IDENTIFIERS - NASHVILLE; TENNESSEE

ABSTRACT - THE RESULTS OF SEVERAL SURVEYS CONDUCTED TO ASSESS CURRENT EMPLOYMENT NEEDS AND STUDENT AND PARENT INTERESTS IN GREATER NASHVILLE ARE REPORTED. THE NEEDS ASSESSMENT WAS CONDUCTED IN AN EFFORT TO GENERATE INFORMATION WHICH WOULD BE USEFUL FOR PLANNING EXPANDED VOCATIONAL EDUCATION PROGRAMS IN THE METROPOLITAN PUBLIC SCHOOLS OF NASHVILLE-DAVIDSON COUNTY. THE FINDINGS OF THE SURVEYS ARE REPORTED IN FIVE CHAPTERS AS FOLLOWS: (1) NASHVILLE AREA EMPLOYMENT NEEDS SURVEY FOR 1976; (2) ENTRANCE REQUIREMENTS FOR HIGHEST-DEMAND OCCUPATIONS; (3) STUDENT AND PARENT SURVEY FINDINGS; (4) PERCEPTIONS OF CURRICULAR NEEDS BY SCHOOL PERSONNEL; AND (5) RECOMMENDATIONS. (AUTHOR/VA)

**VT 102 302**

**GUIDELINES FOR COMPREHENSIVE VOCATIONAL-TECHNICAL EDUCATION PROGRAMS. A HANDBOOK FOR SUPERINTENDENTS, PRINCIPALS, LOCAL DIRECTORS, AND SUPERVISORS OF VOCATIONAL EDUCATION.**

TENNESSEE UNIV., KNOXVILLE. OCCUPATIONAL RESEARCH AND DEVELOPMENT COORDINATING UNIT. TENNESSEE STATE BOARD FOR VOCATIONAL EDUCATION, NASHVILLE. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - NO 73P.

DESCRIPTORS - \*ADMINISTRATOR GUIDES; \*VOCATIONAL EDUCATION; \*ADMINISTRATOR RESPONSIBILITY; PLANNING; PROGRAM EVALUATION IDENTIFIERS - TENNESSEE

ABSTRACT - THE PURPOSE OF THIS HANDBOOK IS TO PROVIDE BASIC GUIDELINES AND INFORMATION FOR ADMINISTRATORS AND SUPERVISORS OF COMPREHENSIVE VOCATIONAL EDUCATION PROGRAMS IN THE STATE OF TENNESSEE. EMPHASIS IS PLACED ON DUTIES, RESPONSIBILITIES, AND FUNCTIONS PERFORMED BY ADMINISTRATIVE AND SUPERVISORY PERSONNEL. THE HANDBOOK ALSO INCLUDES: (1) SUGGESTED GOALS FOR LOCAL EDUCATION AGENCIES OPERATING VOCATIONAL EDUCATION PROGRAMS; (2) DESCRIPTIONS OF VARIOUS SERVICE AREAS AND SPECIAL PROGRAMS IN VOCATIONAL EDUCATION; AND (3) A LISTING OF REFERENCE SOURCES FOR THE ADMINISTRATOR. (VA)

**VT 102 303**

CHARLTON, ELIZABETH  
VOCATIONAL IN-SERVICE FOR SECONDARY COUNSELORS. FINAL REPORT.

YORK COUNTY PUBLIC SCHOOLS, YORKTOWN, VA.  
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.; BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - 09JUN75 38P.

DESCRIPTORS - \*VOCATIONAL COUNSELING; \*SECONDARY SCHOOL COUNSELORS; \*INSERVICE PROGRAMS; STAFF IMPROVEMENT; \*COUNSELOR ATTITUDES; \*ATTITUDE TESTS; PROGRAM EVALUATION; PROGRAM DESCRIPTIONS

ABSTRACT - THIS PROJECT REPORT DESCRIBES A STAFF DEVELOPMENT PROGRAM IN THE YORK COUNTY PUBLIC SCHOOLS, VIRGINIA, DESIGNED TO IMPROVE SECONDARY SCHOOL COUNSELOR ATTITUDE AND KNOWLEDGE IN VOCATIONAL AREAS AND TO MEASURE CARRY-OVER TO STUDENTS IN TERMS OF ENROLLMENT REQUESTS. BASED ON THE SUPPOSITION THAT COUNSELORS DIRECT

MORE EFFORT TO COLLEGE-BOUND STUDENTS AT THE EXPENSE OF NONCOLLEGE-BOUND, THE PROJECT WAS SET UP TO INCREASE COUNSELOR AWARENESS OF TRENDS IN VOCATIONAL EDUCATION AND OF COMMUNITY NEEDS, AND TO IMPROVE SKILLS IN COUNSELING STUDENTS IN VOCATIONAL PROGRAMS. THE PROGRAM INVOLVED BOTH INSTRUCTION AND FIRSTHAND EXPERIENCE. A PRETEST AND POSTTEST ATTITUDE SCALE, ADMINISTERED TO COUNSELORS, INDICATED A MORE POSITIVE ATTITUDE TOWARD NONCOLLEGE-BOUND STUDENTS. ALSO, ENROLLMENT REQUESTS FOR VOCATIONAL COURSES WERE FOUR PERCENT HIGHER THAN IN THE YEAR PRECEDING THE PROGRAM. (NJ)

#### VT 102 304

PUBLIC INFORMATION ON VOCATIONAL EDUCATION. FINAL REPORT.

WISE COUNTY SCHOOLS, VA.  
VIRGINIA STATE DEPT. OF EDUCATION,  
RICHMOND. DIV. OF VOCATIONAL  
EDUCATION.; BUREAU OF OCCUPATIONAL  
AND ADULT EDUCATION (DHEW/OE),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 17JUN75 14P.

DESCRIPTORS - DEVELOPMENTAL  
PROGRAMS; \*VOCATIONAL EDUCATION;  
\*PUBLICIZE; EDUCATIONAL  
OPPORTUNITIES

ABSTRACT - THIS IS THE FINAL REPORT OF A PROJECT DESIGNED TO MAKE THE PUBLIC AND STUDENTS AWARE OF THE POSSIBILITIES AVAILABLE IN VOCATIONAL EDUCATION IN THE WISE COUNTY SCHOOLS IN VIRGINIA. THE OBJECTIVES OF THE PROGRAM WERE AS FOLLOWS: (1) TO PROVIDE MATERIALS TO BE USED FOR CAREER GUIDANCE; (2) TO MAKE THE PUBLIC AWARE OF THE TOTAL VOCATIONAL PROGRAMS IN THE DIVISION; (3) TO RENEW DROPOUT INTEREST IN VOCATIONAL TRAINING; AND (4) TO MAKE ADULTS AWARE OF THE RE-TRAINING POSSIBILITIES. A SLIDE-TAPE PRESENTATION WAS PREPARED AND USED IN SIX SECONDARY SCHOOLS PRIOR TO PREREGISTRATION FOR THE 1975-76 SCHOOL YEAR. AFTER EACH SHOWING,

STUDENTS AND TEACHERS WERE ASKED THEIR REACTIONS. PLANS ARE IN PROGRESS FOR PRESENTATIONS IN PUBLIC PLACES SUCH AS BANK LOBBIES, CITY HALL, AND THE COUNTY FAIR. INCLUDED IN THE REPORT IS A COPY OF THE TRANSCRIPT USED WITH THE SLIDES PERTAINING TO THE WISE COUNTY VOCATIONAL PROGRAM. (AUTHOR/NJ)

#### VT 102 305

WILLIAMS, ROMONA PERRY  
AN EVALUATION OF THE HEALTH CAREERS PROGRAM AT JEFFERSON SENIOR HIGH SCHOOL. FINAL REPORT.

ROANOKE CITY PUBLIC SCHOOLS, VA.  
BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 30MAY75 56P.

DESCRIPTORS - \*FOLLOWUP STUDIES;  
\*HEALTH OCCUPATIONS EDUCATION;  
\*PROGRAM EVALUATION; \*PROGRAM  
EFFECTIVENESS; \*PARTICIPANT  
SATISFACTION; SECONDARY SCHOOL  
STUDENTS; VOCATIONAL EDUCATION;  
DEVELOPMENTAL PROGRAMS; GRADUATE  
SURVEYS

ABSTRACT - THIS REPORT IS A FOLLOWUP STUDY OF SECONDARY SCHOOL STUDENTS WHO HAD COMPLETED A HEALTH CAREERS COURSE AT JEFFERSON HIGH SCHOOL IN ROANOKE, VIRGINIA. THE FORMER STUDENTS WERE SURVEYED BY QUESTIONNAIRE TO DETERMINE THE EFFECTIVENESS OF THE PROGRAM AND TO PROVIDE DATA RELEVANT TO PROGRAM IMPROVEMENT. IT WAS FOUND THAT 48 PERCENT OF THE RESPONDENTS WERE EMPLOYED IN THE FIELD OF TRAINING, AND ALSO THAT PART-TIME WORK EXPERIENCE AS A STUDENT INCREASED THE RELATED EMPLOYMENT TO 80 PERCENT. A HIGH DEGREE OF JOB SATISFACTION WAS REPORTED. THE MOST FREQUENT SUGGESTION FOR COURSE IMPROVEMENT WAS FOR MORE "HANDS ON" EXPERIENCES DURING CLASS TIME. OVERALL, THE PROGRAM WAS FOUND TO BE EFFECTIVE IN MEETING ITS OBJECTIVES. (AUTHOR/NJ)

#### VT 102 306

**A FOLLOW-UP OF FISCAL YEAR 1971  
TRADE-INDUSTRIAL AND HEALTH  
GRADUATES FROM VOCATIONAL EDUCATION  
POST-SECONDARY PROGRAMS. PHASE II.  
FINAL REPORT.**

**NORTH DAKOTA STATE SCHOOL OF  
SCIENCE, WAHPETON.**

**NORTH DAKOTA STATE BOARD FOR  
VOCATIONAL EDUCATION, BISMARCK.  
RESEARCH COORDINATING UNIT.; BUREAU  
OF OCCUPATIONAL AND ADULT EDUCATION  
(DHEW/OE), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUN75 173P.**

**DESCRIPTORS - \*FOLLOWUP STUDIES;  
\*GRADUATE SURVEYS; HEALTH  
OCCUPATIONS EDUCATION; TRADE AND  
INDUSTRIAL EDUCATION; VOCATIONAL  
SCHOOLS; \*PROGRAM EVALUATION; \*POST  
SECONDARY EDUCATION  
IDENTIFIERS - NORTH DAKOTA**

**ABSTRACT - THE PURPOSE OF THIS  
STUDY WAS TO GATHER FOLLOWUP DATA  
ON THE FISCAL YEAR 1971 TRADE,  
INDUSTRIAL, AND HEALTH EDUCATION  
GRADUATES OF POSTSECONDARY SCHOOLS  
IN NORTH DAKOTA. IT IS PHASE II IN  
THE DEVELOPMENT OF AN EFFECTIVE  
FOLLOWUP SYSTEM OF NORTH DAKOTA'S  
VOCATIONAL PROGRAMS. INFORMATION ON  
EMPLOYMENT EXPERIENCES OF THE  
GRADUATES, THE GRADUATES'  
EVALUATION OF THE VOCATIONAL  
PROGRAMS, AND THEIR RECOMMENDATIONS  
FOR IMPROVEMENTS WAS GATHERED VIA  
SURVEY QUESTIONNAIRE. FIVE COLLEGES  
WITH A TOTAL OF 42 DEPARTMENTS  
PARTICIPATED IN THE STUDY. THE  
FINDINGS ARE RECORDED WITH SECTIONS  
DEVOTED TO THE RESULTS OF THE  
INDIVIDUAL COLLEGES AND TO THE  
RESULTS OF ALL COLLEGES COMBINED.  
THE FINDINGS ARE SUMMARIZED AND  
PRESENTED SO THAT THE PARTICIPATING  
COLLEGES CAN EVALUATE THEIR  
INSTITUTION BY COMPARISON OF ONE  
DEPARTMENT WITH ANOTHER. A FINAL  
SECTION INCLUDES THE AUTHOR'S  
ANALYSIS, CONCLUSIONS, AND  
RECOMMENDATIONS. (AUTHOR/NJ)**

**VT 102 307**

**DRUMMOND, ROBERT J.; VITRO, FRANK  
T.**

**THE EFFECTS OF SELECTED  
INSTRUCTIONAL STRATEGIES ON  
LEARNING EFFICIENCY IN VOCATIONAL  
TECHNICAL EDUCATION PROGRAMS. PHASE  
II. FINAL REPORT.**

**MAINE UNIV., ORONO. COLL. OF  
EDUCATION.**

**MAINE STATE DEPT. OF EDUCATIONAL  
AND CULTURAL SERVICES, AUGUSTA.  
BUREAU OF VOCATIONAL EDUCATION.;  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 30JUN75 65P.**

**DESCRIPTORS - \*COMPARATIVE  
ANALYSIS; \*LEARNING; \*PSYCHOMOTOR  
SKILLS; INDUSTRIAL ARTS; VOCATIONAL  
EDUCATION; RESEARCH PROJECTS;  
\*TEACHING METHODS**

**ABSTRACT - THIS STUDY WAS DESIGNED  
TO INVESTIGATE THE EFFECTS OF  
PRACTICE ON THE MASTERY OF TWO  
INDUSTRIAL ARTS SKILLS. THE MAJOR  
QUESTION ASKED WAS WHETHER A FILM  
FOLLOWED BY PRACTICE LEADS TO  
BETTER MASTERY THAN A FILM  
PRESENTED WITHOUT PRACTICE. ALSO  
THE RELATIONSHIP BETWEEN COGNITIVE,  
AFFECTIVE, AND PSYCHOMOTOR ASPECTS  
OF THE TASKS WERE EXPLORED. THE  
SUBJECTS WERE 148 FOURTH TO EIGHTH  
GRADE BOYS AND GIRLS IN A SCHOOL  
UNION IN WHICH THERE HAD BEEN NO  
PREVIOUS INDUSTRIAL ARTS PROGRAMS.  
STUDENTS WERE RANDOMLY ASSIGNED TO  
EXPERIMENTAL AND CONTROL GROUPS AND  
WERE GIVEN DIFFERENT TYPES OF  
INSTRUCTIONAL TREATMENTS. THEY WERE  
GIVEN ATTITUDE AND KNOWLEDGE TESTS  
ON THE FILMS AND WERE RATED BY  
EXPERTS ON THEIR SKILL PERFORMANCE  
IN HAMMERING AND SAWING. RESULTS  
ARE DESCRIBED BY INSTRUCTIONAL  
TREATMENT, BY SEX, AND BY LEVEL OF  
INTELLIGENCE. CORRELATIONS BETWEEN  
KNOWLEDGE, ATTITUDE, AND SKILL  
PERFORMANCE ARE PRESENTED. A  
SUMMARY OF THE EMPIRICAL RESULTS  
AND THE INSTRUCTIONAL APPLICATIONS  
ARE PRESENTED, ALONG WITH  
IMPLICATIONS FOR CURRICULUM,  
TEACHERS, AND ADMINISTRATORS.  
(AUTHOR/NJ)**



## VT 102 308

READING FOR PROGRESS. A CONFERENCE ON PERSPECTIVES OF AND RECOMMENDATIONS FOR COUNTERING READING PROBLEMS IN HAWAII COUNTY (MARCH 8, 1975, HILO, HAWAII).

HAWAII STATE DEPT. OF EDUCATION, HONOLULU. OFFICE OF THE DIRECTOR FOR VOCATIONAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - 08MAR75 46P.

DESCRIPTORS - \*CONFERENCE REPORTS; \*READING DIFFICULTY; EDUCATIONAL PROGRAMS; \*READING IMPROVEMENT IDENTIFIERS - HAWAII COUNTY; HAWAII

## ABSTRACT - THIS CONFERENCE

REPRESENTED A RE-FOCUS ON THE READING PROBLEMS OF THE YOUTH OF HAWAII COUNTY AS VIEWED BY EDUCATORS, THE BUSINESS AND LABOR COMMUNITY, SOCIAL AGENCIES, AND OTHER GOVERNMENT OFFICIALS. SOME RECOMMENDATIONS EMANATING FROM THE CONFERENCE ARE AS FOLLOWS: (1) ORGANIZE A GROUP REPRESENTING GOVERNMENT AGENCIES, THE SCHOOLS, BUSINESS AND COMMUNITY SEGMENTS TO COORDINATE AN EFFECTIVE READING PROGRAM; (2) SET STANDARDS FOR READING PROFICIENCY AND HOLD RESPONSIBLE AGENCIES AND PERSONS ACCOUNTABLE; (3) ESTABLISH A READING REFERRAL AND COORDINATION NETWORK, AND (4) PROVIDE PRESERVICE AND INSERVICE TEACHER TRAINING IN READING. TRANSCRIPTIONS OF THE CONFERENCE SPEECHES, PANEL PRESENTATIONS, AND GROUP DISCUSSIONS ARE INCLUDED IN THE REPORT. AN APPENDIX CONTAINS A COPY OF THE AGENDA, LIST OF PARTICIPANTS, AND EVALUATION OF THE CONFERENCE. (AUTHOR/NJ)

## VT 102 309

DAY, GERALD F.

AN INVESTIGATION INTO THE USE OF CRITERION-REFERENCED MEASUREMENT IN VOCATIONAL AND TECHNICAL TRAINING.

MARYLAND UNIV., COLLEGE PARK. DEPT. OF INDUSTRIAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - 75 70P.

DESCRIPTORS - \*CRITERION REFERENCED TESTS; \*STATE OF THE ART REVIEWS; VOCATIONAL EDUCATION; MEASUREMENT; FEASIBILITY STUDIES

ABSTRACT - THIS PAPER INVESTIGATES AND ANALYZES THE CURRENT STATE-OF-THE-ART OF CRITERION-REFERENCED MEASUREMENT (CRM), WITH A VIEW TO DETERMINING ITS USE IN TRAINING AND INSTRUCTIONAL PROGRAMS. IT PRESENTS A REVIEW OF THE LITERATURE PERTAINING TO THE FOLLOWING ASPECTS: A BRIEF HISTORY OF CRM; A DEFINITION AND COMPARISON OF CRITERION-REFERENCED AND NORM-REFERENCED MEASURES; USAGE OF THE TWO MEASURES; AND THE CONSTRUCTION

AND EVALUATION OF CRITERION-REFERENCED TESTS IN TERMS OF VALIDITY, RELIABILITY, AND OTHER TEST CHARACTERISTICS. THE LITERATURE SUPPORTS THE FOLLOWING CONCLUSIONS: (1) ALL DEFINITIONS OF CRM STRESS SCORE INTERPRETATION AS REPRESENTING WHAT THE INDIVIDUAL CAN DO RELATIVE TO INSTRUCTIONAL OBJECTIVES RATHER THAN OTHER INDIVIDUALS; (2) CRITERION-REFERENCED INFORMATION IS VALUABLE IN MAKING CERTAIN DECISIONS BASED ON WHAT A PERSON CAN DO AT A GIVEN POINT IN THE TRAINING CYCLE; (3) CRM HAS FOCUSED MUCH ATTENTION ON BEHAVIORAL OBJECTIVES AND TRAINING OUTCOMES; (4) BEHAVIORAL OBJECTIVES MUST BE CAREFULLY WRITTEN TO EFFECTIVELY DIRECT AND MEASURE INSTRUCTION; (5) MORE THAN ONE MEASURE SHOULD BE USED TO VALIDATE ANY CRM TO DECREASE THE ERROR ASSOCIATED WITH ITS MEASUREMENT; (6) IT IS DIFFICULT TO DEVELOP OBJECTIVE PROCEDURES NECESSARY FOR CRM OF COMPLEX BEHAVIOR; (7) CRM SUPPLEMENTS BUT SHOULD NOT REPLACE NORMATIVE TESTS IN TRAINING; AND (8) MORE RESEARCH IS NEEDED BEFORE EXTENSIVE USE OF CRM IN INSTRUCTIONAL PROGRAMS CAN BE RECOMMENDED. (AUTHOR/NJ)

## VT 102 310

MANPOWER RESEARCH AND DEVELOPMENT

## PROJECTS. 1974 EDITION.

MANPOWER ADMINISTRATION (DOL),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
SUPERINTENDENT OF DOCUMENTS, U.S.  
GOVERNMENT PRINTING OFFICE,  
WASHINGTON, D.C. 20402.  
PUB DATE - 74 317P.

DESCRIPTORS - \*CATALOGS;  
\*CONTRACTS; \*FEDERAL PROGRAMS;  
\*MANPOWER DEVELOPMENT; \*RESEARCH  
PROJECTS; DEVELOPMENTAL PROGRAMS;  
FINANCIAL SUPPORT; GOVERNMENT  
PUBLICATIONS; GRANTS; RESEARCH  
PROPOSALS; RESEARCH REVIEWS,  
(PUBLICATIONS)

ABSTRACT - THIS FOURTH ANNUAL  
EDITION SUMMARIZES THE PROJECTS  
FUNDED BY THE OFFICE OF MANPOWER  
RESEARCH AND DEVELOPMENT THAT WERE  
ONGOING OR COMPLETED DURING THE  
FISCAL YEAR ENDING JUNE 30, 1974.  
IN ADDITION, REPORTS AND OTHER  
SIGNIFICANT PUBLICATIONS RECEIVED  
DURING THE PREVIOUS TWO FISCAL  
YEARS ARE LISTED. THIS YEAR'S  
VOLUME INCLUDES A SET OF  
"DESCRIPTORS," OR INDEX TERMS, TO  
PROVIDE A QUICK SUMMARY OF THE  
SUBJECTS OF THE PROJECT OR  
PUBLICATION. AS IN LAST YEAR'S  
EDITION, THE PROJECTS AND  
PUBLICATIONS PRESENTED IN CHAPTERS  
ON THROUGH FIVE ARE GROUPED BY  
SUBJECT MATTER. HOWEVER, DOCTORAL  
DISSERTATIONS, SMALL RESEARCH  
PROJECT GRANTS, AND MANPOWER  
INSTITUTIONAL GRANTS ARE LISTED  
SEPARATELY IN CHAPTER SIX. THE  
APPENDIX CONTAINS GUIDELINES FOR  
SUBMISSION OF PROPOSALS AND THE  
STATUTORY LANGUAGE OUTLINING THE  
GOALS AND FUNCTIONS OF THE RESEARCH  
AND DEVELOPMENT PROGRAM.

(AUTHOR/NJ)

VT 102 311  
CAREER EDUCATION NATIONAL FORUM  
(MARCH 19-21, 1975).

OHIO STATE UNIV., COLUMBUS, CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - MAR75 34P.; RELATED  
DOCUMENTS VT 102 311 THROUGH VT 102  
313 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
CONFERENCES; PROGRAMS; EDUCATIONAL  
PLANNING; EDUCATIONAL DEVELOPMENT

ABSTRACT - THE CAREER EDUCATION  
NATIONAL FORUM, THE FIRST NATIONAL  
CONFERENCE OF CAREER EDUCATORS, WAS  
HELD AT THE CENTER FOR VOCATIONAL  
EDUCATION, COLUMBUS, OHIO ON MARCH  
19-21, 1975. INTERACTION OF  
EDUCATORS AT ALL LEVELS FOCUSED ON  
ISSUES OF PHILOSOPHY,  
IMPLEMENTATION, LEGISLATION, AND  
DEVELOPMENT OF CAREER EDUCATION  
PROGRAMS. THIS BOOKLET CONTAINS THE  
FORUM PROGRAM AND PRESENTERS AND AN  
ALPHABETICAL LISTING OF ALL FORUM  
PARTICIPANTS. PARTICIPANTS INCLUDED  
REPRESENTATIVES FROM 38 STATES, THE  
DISTRICT OF COLUMBIA, AND GUAM.  
WITH THE BOOKLET IS A MEMORANDUM  
GIVING INFORMATION ON THE FORUM  
TOPICS AND OTHER PUBLICATIONS. (MF)

VT 102 312

BEDNARZ, BARBARA M., ED.; AND  
OTHERS  
PLANNING AND IMPLEMENTING CAREER  
EDUCATION PROGRAMS. PERSPECTIVES.  
PAPERS DELIVERED AT THE CAREER  
EDUCATION NATIONAL FORUM (MARCH,  
1975).

OHIO STATE UNIV., COLUMBUS, CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#SN1, \$5.00 EA.)  
PUB DATE - MAR75 56P.; RELATED  
DOCUMENTS VT 102 311 THROUGH VT 102  
313 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*CONFERENCE REPORTS; \*EDUCATIONAL  
PLANNING; \*EDUCATIONAL DEVELOPMENT;  
EDUCATIONAL INNOVATION; EDUCATIONAL  
PRACTICE

**PLANNING; \*EDUCATIONAL PLANNING;  
\*CONFERENCE REPORTS**

**ABSTRACT - FOUR PAPERS PRESENTED AT THE CAREER EDUCATION NATIONAL FORUM HELD AT THE CENTER FOR VOCATIONAL EDUCATION, COLUMBUS, OHIO, IN MARCH 1975 COMPRISE THIS PUBLICATION. EMPHASES OF THE PAPERS ARE ON CURRICULUM PLANNING, WORK EXPERIENCE, CAREER GUIDANCE (INCLUDING A DEVELOPMENTAL MODEL OF A COMPUTER-BASED GUIDANCE SYSTEM), AND WORK EXPERIENCE AND PLACEMENT PROGRAMS. THE TITLES OF THESE PAPERS ARE: "FOCUSING ON THE SCHOOL TO WORK TRANSITION: PROBLEMS AND ELEMENTS TO BE CONSIDERED IN DEVELOPING A WORK EXPERIENCE PROGRAM," BY DAVID H. HAMPSON; "A MODEL OF CAREER GUIDANCE," BY JOANN HARRIS-BOWLSBEY; "WORK EXPERIENCE AND PLACEMENT PROGRAMS," BY GRANT VENN; AND "FIVE EASY PIECES OF FREE ADVICE ON CURRICULUM STRATEGIES FOR CAREER EDUCATION FROM A RELATIVELY DISINTERESTED CURRICULIST," BY DECKER F. WALKER. (MF)**

**VT 102 314**

**SHALTRY, PAUL E.; AND OTHERS  
THE PRODUCT ENGINEERING OF A SYSTEM FOR UPGRADING HIGH SCHOOL CAREER PLANNING PROGRAMS. GENERAL REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 103.**

**OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.**

**MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.**

**NE-C-00-3-0079**

**CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #RD103, \$2.75 EA.)**

**PUB DATE - ND 43P.;  
RELATED DOCUMENTS VT 102 314 THROUGH VT 102 317 IN THIS ISSUE.**

**DESCRIPTORS - \*CAREER PLANNING;  
\*SYSTEMS APPROACH; \*OCCUPATIONAL GUIDANCE; \*GUIDANCE PROGRAMS;  
\*MODELS; VOCATIONAL DEVELOPMENT;  
HIGH SCHOOLS; PROGRAM PLANNING;  
PROGRAM IMPROVEMENT**

**ABSTRACT - FIVE PAPERS AND AN INTRODUCTION PRESENTED AT THE CAREER EDUCATION NATIONAL FORUM HELD AT THE CENTER FOR VOCATIONAL EDUCATION, COLUMBUS, OHIO IN MARCH 1975 COMPRISE THIS PUBLICATION. THE PRESENTATIONS FOCUS ON THE NATURE OF EFFORTS TO IMPLEMENT CAREER EDUCATION PROGRAMS AND POLICIES AT THE FEDERAL, STATE, AND LOCAL LEVELS. THE PAPERS PRESENTED INCLUDE: "INTRODUCTION," BY DAVID GOODWIN; "PRIORITIES IN CAREER EDUCATION," BY ALONZO A. CRIM; "PRIORITIES IN CAREER EDUCATION R&D: A FEDERAL PERSPECTIVE," BY LOIS-ELLIN DATTA AND CORINNE RIEDER; "ORGANIZING FOR PLANNING AND IMPLEMENTING CAREER EDUCATION IN OHIO," BY LINDA PFISTER**

**KEILHOLTZ; "THE DEVELOPMENT, IMPLEMENTATION AND ADMINISTRATION OF CAREER EDUCATION IN FLORIDA," BY MARGARET E. FERQUERON; AND "EDUCATIONAL LINKAGE - SUGGESTED RULES AND TECHNIQUES OR THE SYNAPTIC ASPECTS OF A PARTNERSHIP PLUS OTHER COMMON TRIVIA," BY ROBERT A. SAMPIERI. (MF)**

**VT 102 313**

**TERRY, ARTHUR F., ED.; BEDNARZ, BARBARA M., ED.  
MODELS OF CAREER EDUCATION PROGRAMS. WORK EXPERIENCE, CAREER GUIDANCE, PLACEMENT AND CURRICULUM. PAPERS DELIVERED AT THE CAREER EDUCATION NATIONAL FORUM.**

**OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.**

**MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.**

**CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #SN2, \$3.00 EA.)**

**PUB DATE - 75 58P.; RELATED DOCUMENTS VT 102 311 THROUGH VT 102 313 IN THIS ISSUE.**

**DESCRIPTORS - \*CAREER EDUCATION;  
\*MODELS; EDUCATIONAL PROGRAMS; WORK EXPERIENCE PROGRAMS; JOB PLACEMENT;  
OCCUPATIONAL GUIDANCE; CURRICULUM**

## IDENTIFIERS - OPERATION GUIDANCE

ABSTRACT - TO HELP IMPROVE HIGH SCHOOL CAREER PLANNING PROGRAMS, THE CENTER FOR VOCATIONAL EDUCATION AT THE OHIO STATE UNIVERSITY HAS BEEN DEVELOPING AND TESTING A SYSTEMS APPROACH FOR HIGH SCHOOLS TO USE IN DELIVERING CAREER DEVELOPMENT SERVICES TO YOUTH. THE CAREER PLANNING SUPPORT SYSTEM HAS TWO MAJOR PARTS: OPERATIONAL PLANNING AND EVALUATION PROCEDURES, AND INNOVATIVE CAREER GUIDANCE STRATEGIES FOR SPECIAL POPULATIONS. THE DEVELOPMENT OF THE PLANNING AND EVALUATION PROCEDURES (REFERRED TO AS "OPERATION GUIDANCE") IS THE FOCUS OF THIS REPORT. THIS GENERAL VERSION OF THE REPORT DESCRIBES THE PROCESS AND RESULTS OF THE PRODUCT DEVELOPMENT FOR CAREER EDUCATION PRACTITIONERS AT ALL LEVELS. PRODUCT ELEMENTS WERE REVISED OVER A THREE AND A HALF YEAR PERIOD PRIOR TO FIELD TESTING WHICH BEGAN IN OCTOBER 1974. DEVELOPMENT OF THE OPERATION GUIDANCE MATERIALS WAS BASED ON REALISTIC TRIAL AND EVALUATION IN SIX HIGH SCHOOLS. A NATIONAL FIELD TEST OF THE PROTOTYPE PRODUCT IS SCHEDULED TO CONTINUE TO JUNE 1976 IN 12 STATES. THE COMPLETE CAREER PLANNING SUPPORT SYSTEM PRODUCT SHOULD BE AVAILABLE IN LATE 1976. APPENDED TO THE REPORT ARE STAFF NAMES AND A LISTING OF 20 OPERATION GUIDANCE PRODUCT ELEMENTS PROVIDED TO EACH SCHOOL. (MF)

VT 102 315

SUZUKI, WARREN N.; AND OTHERS  
THE PRODUCT ENGINEERING OF A SYSTEM FOR UPGRADING HIGH SCHOOL CAREER PLANNING PROGRAMS. TECHNICAL REPORT. A CASE STUDY IN EDUCATIONAL TECHNOLOGY, RESEARCH AND DEVELOPMENT SERIES NO. 104.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
NE-C-00-3-0079

CENTER FOR VOCATIONAL EDUCATION,

OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #RD104, \$6.50 EA.)

PUB DATE - ND 97P.;  
RELATED DOCUMENTS VT 102 314 THROUGH VT 102 317 IN THIS ISSUE.

DESCRIPTORS - \*CAREER PLANNING; HIGH SCHOOLS; OCCUPATIONAL GUIDANCE; \*GUIDANCE PROGRAMS; \*MODELS; VOCATIONAL DEVELOPMENT; \*SYSTEMS APPROACH; PROGRAM PLANNING; PROGRAM IMPROVEMENT; \*CASE STUDIES (EDUCATION)  
IDENTIFIERS - OPERATION GUIDANCE

ABSTRACT - THIS TECHNICAL VERSION OF THE CAREER PLANNING SUPPORT SYSTEM REPORT IS INTENDED TO PROVIDE, TO OTHER DEVELOPERS OF EDUCATIONAL PRODUCTS, A CASE STUDY OF THE BUILDING OF A COMPREHENSIVE SYSTEM FOR SOLVING A CHRONIC PROBLEM IN AMERICAN EDUCATION. WHILE A SINGLE STANDARDIZED PROGRAM COULD NOT MEET THE REQUIREMENTS OF WIDELY VARIED LOCAL CONDITIONS AND STUDENT POPULATIONS, EACH HIGH SCHOOL SYSTEM SHOULD BE ABLE TO DEVELOP AN EFFECTIVE CAREER PLANNING PROGRAM BY APPLYING SYSTEMS TECHNOLOGY. FROM THE PROCEDURAL MODEL, THE PRODUCT ENGINEERING PHASE, CONDUCTED THROUGH SEPTEMBER 1974, PREPARED A PACKAGE FOR USE IN COMPREHENSIVE HIGH SCHOOLS ACROSS THE COUNTRY. THIS REPORT PRESENTS A FUNCTIONAL DESCRIPTION OF THE PLANNING AND EVALUATION COMPONENT OF THE CAREER PLANNING SUPPORT SYSTEM, THE METHODOLOGY USED DURING THE PRODUCT ENGINEERING PHASE, TECHNIQUES USED TO DEVELOP THE PRODUCT, MAJOR CHANGES MADE AS A RESULT OF TRYING ELEMENTS IN REALISTIC SETTINGS, AND A FORECAST FOR THE PRODUCT WITH IMPLICATIONS OF THE FIELD TEST AND EVENTUAL AVAILABILITY. APPENDED ARE LISTS OF STAFF AND PRODUCT ELEMENTS, PRODUCT SPECIFICATIONS, PLAN FOR BEHAVIORAL OBJECTIVES, AND OTHER DATA. (MF)

VT 102 316

KESTER, RALPH J.; HOWARD, JOHN, JR.  
THE ADOPTION OF SYSTEMS INNOVATIONS IN EDUCATIONAL ORGANIZATIONS. A



**CASE STUDY OF OPERATION GUIDANCE.  
RESEARCH AND DEVELOPMENT SERIES NO.  
100.**

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
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CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#RD100, \$19.50 EA.)  
PUB DATE - 75 - 314P.; RELATED  
DOCUMENTS VT 102 314 THROUGH VT 102  
317 IN THIS ISSUE.

**DESCRIPTORS** - \*ADOPTION (IDEAS);  
\*EDUCATIONAL INNOVATION; \*GUIDANCE  
PROGRAMS; HIGH SCHOOLS;

OCCUPATIONAL GUIDANCE; \*DIFFUSION;  
\*CASE STUDIES (EDUCATION); SCHOOL  
SURVEYS; HYPOTHESIS TESTING  
IDENTIFIERS - OPERATION GUIDANCE

**ABSTRACT** - THE PURPOSE OF THIS CASE  
STUDY WAS TO IDENTIFY FACTORS WHICH  
MAY AFFECT THE ACCEPTANCE OF  
INNOVATIONS IN SCHOOL  
ORGANIZATIONS. THE DATA REPORTED  
WAS DERIVED FROM A CASE STUDY OF  
THE FIELD TRIAL OF A PRODUCT,  
ENTITLED OPERATION GUIDANCE, BEING  
DEVELOPED AND TRIED IN SIX HIGH  
SCHOOLS. OBJECTIVES OF THE STUDY  
WERE TO IDENTIFY FACTORS WHICH  
COULD INFLUENCE THE ADOPTION OF  
OPERATION GUIDANCE IN THE FIELD AND  
TO DETERMINE RELATIONSHIPS BETWEEN  
A SET OF FACTORS (I.E., INVOLVEMENT  
IN, ATTITUDES TOWARD, AND  
EXPECTATIONS FOR OPERATION  
GUIDANCE) AND CERTAIN DEMOGRAPHICS  
OF THE FACULTY AND STAFF OF THE SIX  
SCHOOLS. THE REPORT PRESENTS THE  
PROGRAMMATIC BACKGROUND OF THE  
STUDY, THE THEORETICAL FRAMEWORK  
AND RESEARCH DESIGN, METHODOLOGY,  
AND HYPOTHETICAL GENERALIZATIONS.  
EXTENSIVE DESCRIPTIONS OF THE SIX  
SITES OBSERVED DURING THE FIELD  
TRIAL PERIOD ARE PROVIDED IN THE  
FINDINGS, EMBODYING THE INITIATION  
OF OPERATION GUIDANCE,  
IMPLEMENTATION, AND A CONSIDERATION  
OF THE POTENTIAL FOR CONTINUED USE.  
(MF)

**VT 102 317**

HULL, WILLIAM L.; KESTER, RALPH J.  
PERCEIVED EFFECTIVENESS OF  
INNOVATION DIFFUSION TACTICS.  
RESEARCH AND DEVELOPMENT SERIES NO.  
99.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#RD99, \$8.00 EA.)  
PUB DATE - JAN75 - 125P.; RELATED  
DOCUMENTS VT 102 314 THROUGH VT 102  
317 IN THIS ISSUE.

**DESCRIPTORS** - \*DIFFUSION;  
\*EDUCATIONAL INNOVATION; VOCATIONAL  
EDUCATION; \*CHANGE STRATEGIES;  
\*ADOPTION (IDEAS); PARTICIPANT  
CHARACTERISTICS; \*ROLE PERCEPTION;  
MEASUREMENT INSTRUMENTS; ANALYSIS  
OF VARIANCE

**ABSTRACT** - EFFECTIVE USE OF  
RESEARCH AND DEVELOPMENT PRODUCTS  
IN EDUCATION AND THE TIME LAG  
USUALLY ASSOCIATED WITH THE  
ADOPTION OF INNOVATIONS WAS THE  
FOCUS OF THIS STUDY. EMPIRICAL  
KNOWLEDGE OF THE INNOVATION  
DIFFUSION PROCESS IS NEEDED IN  
ORDER TO FORMULATE EFFECTIVE  
DIFFUSION STRATEGIES. THE OBJECTIVE  
WAS TO DETERMINE IF EDUCATIONAL  
CHANGE STRATEGIES WERE PERCEIVED TO  
DIFFER IN THEIR EFFECTIVENESS FOR  
EACH STAGE OF THE ADOPTION PROCESS.  
DATA WERE COLLECTED FROM TEACHERS  
AND ADMINISTRATORS IN SCHOOL  
DISTRICTS IN THREE STATES BY A 50-  
ITEM SURVEY INSTRUMENT, WITH AN 88  
PERCENT RETURN OF USABLE  
QUESTIONNAIRES. THE INSTRUMENT WAS  
DEVELOPED TO IDENTIFY DIMENSIONS OF  
CLIENTS AS POTENTIAL ADOPTERS OF  
EDUCATIONAL INNOVATIONS. THE MOST  
IMPORTANT FINDING OF THE STUDY WAS  
A SIGNIFICANT DIFFERENCE IN THE  
PERCEIVED EFFECTIVENESS OF  
DIFFUSION TACTICS ACROSS ALL STAGES  
OF ADOPTION. RESPONDENTS IN

DIFFERENT ROLES TENDED TO PERCEIVE TACTIC EFFECTIVENESS DIFFERENTLY. THESE FINDINGS DOCUMENT THE NEED FOR DIFFERENTIAL USE OF EDUCATIONAL CHANGE TACTICS FOR PERSONS IN DIFFERENT ROLES AND FOR PROJECTS IN DIFFERENT STAGES OF ADOPTION. (MF)

**VT 102 318**

KUGLER, EDGAR M.  
A SURVEY OF CAREER ASPIRATIONS FOR SECONDARY SCHOOL STUDENTS.

NEW MEXICO STATE UNIV., LAS CRUCES.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - NO 14P.

DESCRIPTORS - \*OCCUPATIONAL ASPIRATION; \*SCHOOL SURVEYS; \*SECONDARY SCHOOL STUDENTS; ECONOMICALLY DISADVANTAGED; CAREER EDUCATION  
IDENTIFIERS - NEW MEXICO

ABSTRACT - PRIOR TO THE IMPLEMENTATION OF A CAREER EDUCATION PROGRAM, A CAREER ASPIRATIONS SURVEY WAS CONDUCTED IN ONE NEW MEXICAN COMMUNITY. THE SAMPLE POPULATION INCLUDED FIRST AND SECOND GENERATION MEXICAN-AMERICAN SECONDARY SCHOOL STUDENTS. A QUESTIONNAIRE WAS ADMINISTERED TO 720 STUDENTS FROM ONE JUNIOR AND ONE SENIOR HIGH SCHOOL. THE RESULTS WERE CATEGORIZED ACCORDING TO 15 OCCUPATIONAL CLUSTERS. A COMPOSITE OF ALL SIX GRADE LEVELS SHOWED THE MOST DESIRED CAREERS SEEM TO BE IN THE AREAS OF HEALTH, BUSINESS AND OFFICE, PUBLIC SERVICE, ENVIRONMENT, AND COMMUNICATIONS AND MEDIA. UPPER GRADE STUDENTS WERE MORE SPECIFIC ABOUT CAREERS. THE LARGEST NUMBER OF STUDENTS UNDECIDED ABOUT A CAREER ARE IN THE 12TH GRADE AND THE SMALLEST IN THE 7TH GRADE. IT APPEARS THAT A LARGE PORTION OF THE STUDENT POPULATION IS NOT PREPARED TO STEP INTO A CAREER UPON GRADUATION. IN THIS COMMUNITY OF RELATIVELY LOW ECONOMIC STATUS, THE APPARENT NEED FOR A PRACTICAL, REALISTIC CAREER EDUCATION PROGRAM IS EVIDENT. TABLES DISPLAY THE DISTRIBUTION OF DESIRED CAREERS ACCORDING TO GRADE

LEVEL, AND APPENDED IS THE SURVEY INSTRUMENT. (AUTHOR/NJ)

**VT 102 319**

CAREER EDUCATION-NORTH KINGSTON. A MODEL FOR OPEN EDUCATION AND COMMUNITY RESPONSIBILITY. FINAL REPORT.

NORTH KINGSTON SCHOOL DEPT., R.I.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
OEG-0-73-5304  
PUB DATE - 01JUL75 117P.;  
RELATED DOCUMENT VT 102 320 IN THIS  
ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*DEVELOPMENTAL PROGRAMS; MODELS; \*PROGRAM DESCRIPTIONS; ELEMENTARY GRADES; SECONDARY SCHOOL STUDENTS; EDUCATIONAL CHANGE; \*COMMUNITY SUPPORT; \*OPEN EDUCATION  
IDENTIFIERS - NORTH KINGSTON; RHODE ISLAND

ABSTRACT - FROM JUNE 1973 TO JUNE 1975 THE DEVELOPMENT AND IMPLEMENTATION OF A MODEL K-14 CAREER EDUCATION PROGRAM WAS ATTEMPTED IN THE NORTH KINGSTON SCHOOLS IN RHODE ISLAND. PROJECT OBJECTIVES INCLUDED THE DEVELOPMENT OF CAREER AND SELF-AWARENESS, PROVISIONS FOR EXPLORATORY AND WORK EXPERIENCES, PROVISIONS FOR JOB PLACEMENT UPON GRADUATION, AND PROVISIONS FOR COUNSELING SERVICES AT ALL LEVELS. PUBLIC CONTROVERSY CONCERNING THE PROJECT-DEVELOPED ELEMENTARY MANUAL PRECLUDED THE ATTACHMENT OF PROJECT GOALS AND FUNDING WAS NOT RENEWED FOR THE THIRD YEAR. THE MAJOR RESULTS OF THE PROJECT ARE PRESENTED IN TERMS OF A SERIES OF RECOMMENDATIONS AND CONCLUSIONS ABOUT DEVELOPMENT AND INFUSION STRATEGIES FOR PROGRAMS THAT SEEK TO MAKE CHANGES IN EDUCATIONAL INSTITUTIONS. ONE-HALF OF THE REPORT CONSISTS OF LOCAL NEWS COVERAGE WHICH CHRONICLES THE COURSE OF EVENTS IN THE SCHOOL-COMMUNITY CONTROVERSY. (AUTHOR/NJ)

**VT 102 320**

GUSTAFSON, RICHARD A.; SANTANIELLO, ALFRED G.  
CAREER EDUCATION-NORTH KINGSTON. A MODEL FOR OPEN EDUCATION AND COMMUNITY RESPONSIBILITY. FINAL EVALUATION REPORT.

CEDAR ASSOCIATES, KEENE, N.H.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
OEG-0-73-5304  
PUB DATE - 75 45P.; RELATED  
DOCUMENT VT 102 319 IN THIS ISSUE.

DESCRIPTORS - \*OPEN EDUCATION;  
\*SUMMATIVE EVALUATION;  
\*DEVELOPMENTAL PROGRAMS; \*CAREER  
EDUCATION; ELEMENTARY GRADES;  
SECONDARY SCHOOL STUDENTS;  
\*COMMUNITY SUPPORT; MODELS  
IDENTIFIERS - NORTH KINGSTON; RHODE  
ISLAND

ABSTRACT - THIS EVALUATION REPORT ADDRESSES A TWO-YEAR EFFORT OF AN ORIGINALLY PLANNED THREE-YEAR PROJECT DESIGNED TO PLAN, PILOT TEST, AND IMPLEMENT A K-14 CAREER EDUCATION PROGRAM INTO THE NORTH KINGSTON, RHODE ISLAND PUBLIC SCHOOLS. DURING THE TWO YEARS OF THE PROJECT, ADMINISTRATIVE AND COMMUNITY SUPPORT DIMINISHED UNTIL FUNDING FOR THE THIRD AND FINAL YEAR WAS ULTIMATELY WITHDRAWN. THIS REPORT ATTEMPTS A SUMMARY EVALUATIVE STATEMENT AS TO THE IMPACT OF THE PROJECT AND THE PROBABLE FUTURE OF CAREER EDUCATION IN THE DISTRICT. IN SPITE OF THE DIFFICULTIES ENCOUNTERED, SOME ACCOMPLISHMENTS WERE ACHIEVED. A FULLY DEVELOPED AND IMPLEMENTED PLACEMENT SERVICE AT THE HIGH SCHOOL IS IN OPERATION, CURRICULUM DEVELOPMENT HAS BECOME A HIGH PRIORITY AREA IN THE DISTRICT, AND CAREER EDUCATION INSTRUCTIONAL MATERIALS HAVE BEEN INCORPORATED INTO THE LIBRARY SYSTEM AND ARE IN USE BY CLASSROOM TEACHERS. THE MAJOR LESSON LEARNED IN THE COURSE OF THE PROJECT WAS THAT TOO MUCH EFFORT WAS EXPENDED ON PROGRAM CONTENT AND TOO LITTLE ON THE PROCESS OF EDUCATIONAL CHANGE.

SUGGESTIONS ARE PRESENTED TO AID FUTURE PROJECTS WHICH SEEK TO IMPLEMENT CAREER EDUCATION PROGRAMS. THE THIRD PARTY EVALUATION DESIGN IS INCLUDED IN THE APPENDIX. (AUTHOR/NJ)

VT 102 321  
WATERS, CHARLES E.  
RESEARCH AND DEVELOPMENT PROJECT TO ESTABLISH AND EVALUATE A MODEL FOR A COMPREHENSIVE CAREER EDUCATION PROGRAM IN NORTH CAROLINA. FINAL REPORT.

CALDWELL COMMUNITY COLL. AND  
TECHNICAL INST., LENOIR, N.C.  
BUREAU OF ADULT, VOCATIONAL AND  
TECHNICAL EDUCATION (DHEW/OE),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
OEG-0-73-2998  
PUB DATE - 17JAN75 694P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*MODELS; \*COMMUNITY COLLEGES; \*HIGH  
SCHOOLS; WORKSHOPS; EVALUATION  
IDENTIFIERS - NORTH CAROLINA

ABSTRACT - COVERING THE PERIOD FROM JULY 1973 THROUGH DECEMBER 1974, THIS PROJECT WAS INTENDED TO FURTHER DEVELOP AND REFINE IMPLEMENTATION ACTIVITIES FROM THE PREVIOUS GRANT PERIOD. HIGH SCHOOLS WISHING TO IMPLEMENT THE CONCEPT OF CAREER EDUCATION DEVELOPED INDIVIDUAL MINIPROPOSALS AND SUBMITTED THEM TO THE CALDWELL CAREER EDUCATION PROJECT. A WORKSHOP WAS CONDUCTED FOR PRINCIPALS OF THE SCHOOLS IN ORDER TO PRESENT INFORMATION ABOUT THE CONCEPT OF CAREER EDUCATION AND TO INTRODUCE METHODS FOR IMPLEMENTING THE CONCEPT. THE CALDWELL COMMUNITY COLLEGE AND TECHNICAL INSTITUTE WORKED WITH THE HIGH SCHOOLS TO CARRY OUT THIS PROJECT. COMPLETING THE DOCUMENT ARE THE FOLLOWING APPENDIXES: 1) ADMINISTRATIVE WORKSHOP FOR PRINCIPALS (SCHEDULE), 2) MINIPROPOSALS, 3) COMPLETE THIRD PARTY EVALUATION AND PERT PLAN, 4) CAREER EDUCATION INSERVICE WORKSHOP FOR TEACHERS, 5) PROPOSED JUNIOR HIGH SCHOOL PLAN FOR CALDWELL

COUNTY, 6) COMMUNITY COLLEGE ADVISORS WORKSHOP, 7) CVIS QUESTIONNAIRE, 8) THE CALDWELL EXPERIENCE DISSEMINATION WORKSHOPS, AND 9) ESTABLISHING AN INFUSIONARY CAREER EDUCATION PROGRAM IN A LOCAL EDUCATIONAL SYSTEM, SUPPLEMENTAL REPORT OF DECEMBER 20, 1974. (LJ)

VT 102 322

NIXON, WILLIAM J., JR.  
RESEARCH AND DEVELOPMENT PROJECT IN CAREER EDUCATION. FINAL REPORT.

RHODE ISLAND STATE DEPT. OF EDUCATION, PROVIDENCE.  
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (OHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
OEG-0-73-3009  
PUB DATE - 28MAR75 292P.

DESCRIPTORS - \*RESEARCH PROJECTS;  
\*CAREER EDUCATION; MODELS; \*PROGRAM DESCRIPTIONS; \*PROGRAM DEVELOPMENT; INFORMATION DISSEMINATION; CONFERENCES; STATE PROGRAMS;  
\*PUBLICIZE; PROGRAM EVALUATION IDENTIFIERS - RHODE ISLAND

ABSTRACT - THIS PROJECT, CONDUCTED FROM JUNE 1973 TO DECEMBER 1974, WAS DESIGNED TO FURTHER THE DEVELOPMENT OF CAREER EDUCATION ACTIVITIES IN RHODE ISLAND. THE GOALS AND OBJECTIVES OF THE PROJECT WERE AS FOLLOWS: (1) A SYNTHESIS OF STATEWIDE AND NATIONAL INFORMATION REGARDING CAREER EDUCATION MODELS; (2) DEVELOPMENT OF THREE MODEL TYPES FOCUSING ON THE SPECIFIC PROBLEMS OF URBAN, RURAL, AND SUBURBAN SETTINGS; (3) ESTABLISHMENT OF A BROAD BASED ADVISORY COMMITTEE FOR THE STATE; (4) A CONFERENCE INVOLVING REPRESENTATIVES FROM EACH LOCAL EDUCATIONAL AGENCY IN RHODE ISLAND; (5) A CAREER EDUCATION STATE OF THE ART PAPER; AND (6) THREE PLANS FOR THE IMPLEMENTATION OF CAREER EDUCATION IN LOCAL SCHOOL DISTRICTS. THE BODY OF THE REPORT EXPLAINS IN DETAIL THE PROCEDURES INVOLVED IN CARRYING OUT THE PROJECT OBJECTIVES. THE THIRD PARTY

INDEPENDENT EVALUATION ENTAILS BOTH FORMATIVE AND SUMMATIVE ANALYSES OF THE VARIOUS PROCESS AND PRODUCT OBJECTIVES. THE METHOD FOR COLLECTING INFORMATION FOR THESE ANALYSES PRINCIPALLY CONSISTED OF REVIEW AND INTERVIEW OF PROJECT STAFF AT CRITICAL STAGES. THE CONCLUSIONS ARE THAT THROUGH THE ACTIVITIES OF THE PROJECT, CAREER EDUCATION AWARENESS HAS REACHED BUSINESS LEADERS AND THE PUBLIC SECTOR AND MORE PEOPLE HAVE A BETTER UNDERSTANDING AND ARE MORE RECEPTIVE TO THE CONCEPT. APPENDIXES INCLUDE INSTRUMENTS AND PRODUCTS DEVELOPED IN THE COURSE OF THE PROJECT. (AUTHOR/NJ)

VT 102 323

EVALUATION OF FIFTEEN RHODE ISLAND CAREER EDUCATION PROJECTS.

NEW ENGLAND RESOURCE CENTER FOR OCCUPATIONAL EDUCATION, CAMBRIDGE, MASS.

RHODE ISLAND STATE DEPT. OF EDUCATION, PROVIDENCE. BUREAU OF GRANTS AND REGULATIONS.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 16MAY75 58P.

DESCRIPTORS - \*PROGRAM EVALUATION;  
\*CAREER EDUCATION; FULL STATE FUNDING  
IDENTIFIERS - RHODE ISLAND

ABSTRACT - THIS EVALUATION STUDY WAS UNDERTAKEN TO MEASURE THE PROGRESS OF FIFTEEN CAREER EDUCATION PROJECTS FUNDED BY THE RHODE ISLAND STATE DEPARTMENT OF EDUCATION FOR 1974-75. INFORMATION WAS OBTAINED FROM PROJECT PROPOSALS, TEACHER QUESTIONNAIRES, ONSITE OBSERVATIONS OF CLASSROOM ACTIVITIES, AND CONFERENCES WITH TEACHERS AND ADMINISTRATORS. THE DATA ARE DISPLAYED IN TABLES THAT ALLOW FOR COMPARISON AMONG THE PROJECTS AND CAPSULE COMMENTS APPEAR FOR EACH OF THE PROJECTS. (NJ)

VT 102 324

ARCHITECTURAL BARRIERS TO PHYSICALLY DISABLED PERSONS IN



WISCONSIN'S VOCATIONAL, TECHNICAL, AND ADULT EDUCATION SYSTEM. FINAL REPORT.

WISCONSIN UNIV. - STOUT, MENOMONIE. CENTER FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION.

WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - JUN75 134P.

DESCRIPTORS - \*PHYSICALLY HANDICAPPED; \*ARCHITECTURAL BARRIERS; \*HANDICAPPED STUDENTS; \*SCHOOL BUILDINGS; VOCATIONAL SCHOOLS; CHECK LISTS; SAFETY IDENTIFIERS - WISCONSIN

ABSTRACT - THIS PROJECT WAS DESIGNED TO DETERMINE WHAT ARCHITECTURAL BARRIERS TO PHYSICALLY DISABLED PERSONS EXISTED IN WISCONSIN'S VOCATIONAL, TECHNICAL, AND ADULT EDUCATION SYSTEM'S INSTITUTIONS. A CHECKLIST BASED ON THE AMERICAN INSTITUTE OF ARCHITECTS' RECOMMENDATIONS WAS DEVELOPED AND COMPLETED FOR ONE SCHOOL IN EACH DISTRICT TO DETERMINE THE PRESENTLY EXISTING ARCHITECTURAL BARRIERS, INCLUDING ENTRANCES AND EXITS, ELEVATORS, FIRE ESCAPES, RESTROOM FACILITIES, RAMPS AND CORRIDORS. IN ADDITION, EXISTING BARRIERS IN CLASSROOMS, LABORATORIES, LEARNING CENTERS, FOOD SERVICE AND RECREATION AREAS WERE IDENTIFIED. FINALLY, A CHECKLIST RATING SCALE WAS DEVELOPED TO DETERMINE THE CAMPUS MODIFICATIONS REQUIRED IN ORDER TO OFFER PROGRAMS TO PERSONS WITH PHYSICAL DISABILITIES. CHAPTER II IS CONCERNED WITH THE METHODS AND PROCEDURES USED TO DEVELOP THE ARCHITECTURAL BARRIER CHECKLIST, THE CHECKLIST GUIDE, AND THE POPULATION OF THE PROJECT. CHAPTERS III AND IV CONTAIN PROJECT RESULTS AND RECOMMENDATIONS. (NJ)

VT 102 325

DEVELOPMENT OF PRE-POSTSECONDARY EDUCATION PROGRAMS IN ENGINEERING

AND HEALTH OCCUPATIONS FOR HIGH SCHOOL STUDENTS IN GRADES 11 AND 12.

AKRON CITY SCHOOL DISTRICT, OHIO. OHIO STATE DEPT. OF EDUCATION, COLUMBUS.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - ND 76P.

DESCRIPTORS - \*CURRICULUM GUIDES; \*CAREER EDUCATION; VOCATIONAL EDUCATION; GRADE 11; GRADE 12; \*HEALTH OCCUPATIONS EDUCATION; \*ENGINEERING EDUCATION; PROGRAM DESCRIPTIONS; LEARNING ACTIVITIES

ABSTRACT - A PROGRAM OF PRE-POSTSECONDARY INSTRUCTION IN ENGINEERING AND HEALTH OCCUPATIONS FOR GRADES 11 AND 12 WAS DEVELOPED AND IMPLEMENTED AT FIRESTONE HIGH SCHOOL FROM JUNE 1974 TO JULY 1975. IT WAS DESIGNED TO BE COMPATIBLE WITH HIGH SCHOOL GRADUATION REQUIREMENTS AND OFFER EXPERIENCES RELATED TO POSTSECONDARY EDUCATION THAT WOULD LEAD TO A PARAPROFESSIONAL OR PROFESSIONAL GOAL. THE MAIN FEATURES OF THE PROGRAM WERE THE "HANDS-ON" EXPERIENCES, CAREER PLANNING, AND A BROAD EDUCATIONAL FOUNDATION BASED ON THE STUDENT'S CAREER OBJECTIVES. THE ACTIVITIES WERE DESIGNED TO PROVIDE THE STUDENTS WITH AN UNDERSTANDING OF CAREERS RELATED TO THE PROGRAM OFFERING, TO INTRODUCE THEM TO THE PERSONAL AND EDUCATIONAL REQUIREMENTS OF THEIR CHOICES, AND TO PROMOTE UNDERSTANDING AND ACCEPTANCE OF THEIR ABILITIES AND APTITUDES IN LIGHT OF FUTURE OCCUPATIONAL ASPIRATIONS. FIELD EXPERIENCE COMPRISED A LARGE PART OF THE CURRICULUM. AN APPENDIX CONTAINS THE LEARNING ACTIVITIES DEVELOPED BY THE PROJECT. (AUTHOR/NJ)

VT 102 326

ISLEY, JOY  
CAREERS IN THE HOME FURNISHINGS INDUSTRY: INTERIOR DESIGN. FINAL REPORT.

—SHADOW MOUNTAIN HIGH SCHOOL,

PHOENIX, ARIZ.  
ARIZONA STATE DEPT. OF EDUCATION,  
PHOENIX. RESEARCH COORDINATING  
UNIT.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 20JUN75 6P.

DESCRIPTORS - \*INTERIOR DESIGN;  
\*HOME FURNISHINGS; \*HOME ECONOMICS  
EDUCATION; CAREER EDUCATION; HIGH  
SCHOOL STUDENTS  
IDENTIFIERS - CAREER EXPLORATION

ABSTRACT - FROM JANUARY TO JUNE  
1975 STUDENTS ENROLLED IN THE  
ADVANCED HOME FURNISHINGS COURSE AT  
SHADOW MOUNTAIN HIGH SCHOOL IN  
PHOENIX, ARIZONA, EXPLORED CAREERS  
IN THE HOME FURNISHINGS INDUSTRY,  
WITH AN EMPHASIS ON THE ROLE OF THE  
INTERIOR DESIGNER. IN ADDITION,  
THEY WERE PROVIDED WITH THE "HANDS  
ON" EXPERIENCE OF DESIGNING A  
HOSPITALITY ROOM IN THE SCHOOL'S  
HOME ECONOMIC DEPARTMENT. THE  
STUDENTS RESEARCHED AND REPORTED ON  
JOB OPPORTUNITIES, REQUIREMENTS,  
AND SKILLS OF INTERIOR DESIGNERS  
THROUGH READING AND PERSONAL  
INTERVIEWS. THEY ALSO CONDUCTED A  
NEEDS AND USAGE SURVEY FOR THE  
HOSPITALITY ROOM IN THE SCHOOL. IN  
DESIGNING AND DECORATING THE ROOM,  
THEY STUDIED AND APPLIED THE  
PRINCIPLES OF DESIGN, AND VISITED  
RETAIL FURNISHINGS STORES. (NJ)

VT 102 327

BRENDEN, GERALD S.  
MODEL FOR OFFERING CORRESPONDENCE  
COURSES THROUGH THE VTAE SYSTEM.  
FINAL REPORT.

GATEWAY TECHNICAL INST., KENOSHA,  
WISC.

WISCONSIN STATE BOARD OF  
VOCATIONAL, TECHNICAL, AND ADULT  
EDUCATION, MADISON.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUN75 25P.

DESCRIPTORS - \*CORRESPONDENCE  
COURSES; \*VOCATIONAL EDUCATION;  
MODELS; \*FEASIBILITY STUDIES  
IDENTIFIERS - WISCONSIN

ABSTRACT - THE OBJECTIVES OF THIS  
STUDY WERE TWOFOLD: 1) TO DETERMINE  
IF CORRESPONDENCE STUDY IS A VIABLE  
APPROACH FOR OFFERING VOCATIONAL  
EDUCATION TO RESIDENTS OF WISCONSIN  
WHO WANT AND NEED A VOCATIONAL  
EDUCATION PROGRAM, 2) TO DESIGN A  
CORRESPONDENCE STUDY MODEL FOR  
VOCATIONAL, TECHNICAL AND ADULT  
EDUCATION (VTAE). TO CARRY OUT  
THESE BROAD OBJECTIVES: 1)  
INQUIRIES WERE MADE INTO THE AMOUNT  
OF CORRESPONDENCE STUDY PRESENTLY  
AVAILABLE TO WISCONSIN RESIDENTS;  
2) EXISTING CORRESPONDENCE STUDY  
PROGRAMS WERE STUDIED TO DETERMINE  
THEIR EFFECTIVENESS AND SUITABILITY  
FOR VOCATIONAL EDUCATION; 3)  
CONSIDERATION WAS GIVEN TO THE TYPE  
OF COURSES MOST APPROPRIATE FOR  
CORRESPONDENCES STUDY WITHIN THE  
WISCONSIN VTAE SYSTEM; 4) FOUR  
MODELS WERE DEVELOPED TO INDICATE  
WAYS IN WHICH CORRESPONDENCE  
INSTRUCTION COULD BE IMPLEMENTED  
WITH THE VTAE SYSTEM. THIS REPORT  
DESCRIBES THE METHODOLOGY AND  
PRESENTS THE CONCLUSIONS AND  
RECOMMENDATIONS. THE PROGRAM MODELS  
DEVELOPED BY THE PROJECT ARE  
CONTAINED IN APPENDIXES.  
(AUTHOR/NJ)

VT 102 328

RESEARCH AND PLANNING FOR THE NEW  
VOCATIONAL TECHNICAL PROGRAM AND  
FACILITIES IN OHIO COUNTY SCHOOLS.  
FINAL REPORT.

OHIO COUNTY BOARD OF EDUCATION,  
WHEELING, W.VA.

WEST VIRGINIA STATE BOARD OF  
EDUCATION, CHARLESTON. DIV. OF  
VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUL75 23P.

DESCRIPTORS - \*VOCATIONAL  
EDUCATION; HIGH SCHOOLS;  
\*CURRICULUM PLANNING; \*FACILITY  
PLANNING; \*PROGRAM PLANNING  
IDENTIFIERS - OHIO COUNTY; WEST  
VIRGINIA

ABSTRACT - THIS PROJECT HAS  
PROVIDED THE BASIS FOR DETERMINING  
THE VOCATIONAL EDUCATION CURRICULUM

AND NEEDED EQUIPMENT TO BE INCORPORATED INTO A NEW HIGH SCHOOL FACILITY IN OHIO COUNTY, WEST VIRGINIA. THE GOAL OF THE PROJECT WAS TO DEVELOP EXPERTISE ON THE PART OF ALL INVOLVED IN PLANNING FOR THE NEW SCHOOL. THIS WAS ACCOMPLISHED BY AN INDEPTH STUDY OF ALL INFORMATION RELEVANT TO THE NEW FACILITY. THE STUDY INCLUDED RESULTS OF A 1972 VOCATIONAL NEEDS STUDY, SITE CHARACTERISTICS, PROBABLE COURSE OFFERINGS, ENROLLMENT PROJECTIONS, DESIRABLE EQUIPMENT, STUDENT INTEREST SURVEYS, AND STATISTICAL DATA ON THE LOCAL, STATE, AND NATIONAL LEVELS. AN IMPORTANT PHASE OF THE PROJECT WAS VISITING SEVERAL NEW FACILITIES SO THAT THE BEST FEATURES OF EACH WOULD BE INCORPORATED INTO THE NEW HIGH SCHOOL. THE OBJECTIVES OF THE PROJECT WERE TO DETERMINE AND DESIGN THE VOCATIONAL EDUCATION CURRICULUM, TO DETERMINE THE FACILITY AND EQUIPMENT NEEDS, AND DEVELOP SPECIFICATIONS, AN OUTLINE SUMMARY OF THE VOCATIONAL EDUCATION COURSES SELECTED BY THE PROJECT IS INCLUDED IN THE REPORT. (NJ)

## VT 102 329

SOUTHWESTERN OHIO REGIONAL VOCATIONAL EDUCATION PLANNING PROJECT.

GREENE JOINT VOCATIONAL SCHOOL DISTRICT, XENIA, OHIO.  
OHIO STATE DEPT. OF EDUCATION,  
COLUMBUS. DIV. OF VOCATIONAL  
EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 75 8P.

DESCRIPTORS - \*CONSORTIA;  
\*VOCATIONAL EDUCATION; SECONDARY  
SCHOOL STUDENTS; \*EDUCATIONAL  
PLANNING

ABSTRACT - A CONSORTIUM OF THIRTEEN VOCATIONAL EDUCATION PLANNING DISTRICTS IN SOUTHWESTERN OHIO WAS ORGANIZED IN ORDER TO FACILITATE PLANNING AND DEVELOPMENT OF A COMPREHENSIVE VOCATIONAL EDUCATION PROGRAM FOR HIGH SCHOOL YOUTH IN

THE AREA. THE PRIMARY OBJECTIVES OF THE PROJECT WERE: 1) TO ENHANCE THE ECONOMIC EFFICIENCY OF VOCATIONAL PROGRAMING, 2) TO COORDINATE REGIONAL PLANNING WITH THE STATE, 3) TO BETTER MATCH VOCATIONAL PROGRAM OFFERINGS WITH CURRENT AND PROJECTED LABOR MARKET DEMANDS, 4) TO PROVIDE INFORMATION CONCERNING THE AVAILABILITY OF PROSPECTIVE VOCATIONAL TEACHERS, AND 5) TO FACILITATE INSERVICE EDUCATION PROGRAMS ON A REGIONAL BASIS. COVERING THE TIME PERIOD OF JULY 1974 TO JUNE 1975, THE PRINCIPLE PROJECT ACTIVITIES WERE COORDINATING STUDENT ENROLLMENT ACROSS DISTRICT BOUNDARIES, RECRUITING PROSPECTIVE TEACHERS, AND PROVIDING INSERVICE EDUCATION FOR VOCATIONAL TEACHERS. EVALUATION CONSISTED OF PERIODIC REVIEW AND ASSESSMENT OF PROJECT EFFECTIVENESS BY AN APPOINTED EXECUTIVE COMMITTEE AND REPRESENTATIVES FROM THE STATE DIVISION OF VOCATIONAL EDUCATION IN ACCORDANCE WITH PRESCRIBED EVALUATION CRITERIA. (AUTHOR/NJ)

## VT 102 330

PEW, LOU ANN

A WORLD OF FASHION COURSE FOR FASHION-ORIENTED STUDENTS. CAREER EDUCATION IN HOME ECONOMICS. FINAL REPORT.

CONWAY PUBLIC SCHOOLS, ARK.;  
ARKANSAS STATE DEPT. OF EDUCATION,  
LITTLE ROCK.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUN75 22P.

DESCRIPTORS - HIGH SCHOOL STUDENTS;  
\*CAREER EDUCATION; \*HOME ECONOMICS;  
\*CLOTHING; \*SIMULATION; CURRICULUM;  
WORK EXPERIENCE; \*TEXTILES  
INSTRUCTION  
IDENTIFIERS - ARKANSAS

ABSTRACT - THE PURPOSE OF THIS PROJECT WAS TO DEVELOP GUIDELINES FOR PLANNING, CONDUCTING, MANAGING, AND EVALUATING A SIMULATION PROGRAM FOR TEACHING THE SKILLS AND COMPETENCIES REQUIRED FOR

EMPLOYMENT IN THE CLOTHING AND TEXTILE INDUSTRY. THROUGH INDIVIDUALIZED STUDY PACKETS AND A COMMUNITY SURVEY, THE STUDENTS ACQUIRED INFORMATION ABOUT JOB OPPORTUNITIES IN THE CLOTHING FIELD. CERTAIN BASIC SKILLS WERE DEVELOPED BY THE STUDENTS IN THE COURSE OF THE PROGRAM, AND POSITIVE WORK ATTITUDES AND HABITS WERE FOSTERED. THE PROGRAM CONSISTED OF THREE PHASES. IN THE FIRST PHASE, SELF-CONTAINED LEARNING PACKETS INSTRUCTED STUDENTS IN VERY BASIC SKILLS AND PERMITTED EXTENSIVE SKILL ATTAINMENT, PROVIDING THEM WITH SPECIALIZED INTERESTS AND AN OPPORTUNITY TO CONCENTRATE ON ONE AREA. A SIMULATED LABORATORY WAS OPERATED IN THE SECOND PHASE WITH ALL STUDENTS PARTICIPATING IN THE VARIOUS ROLES NEEDED FOR OCCUPATIONAL GARMENTMAKING SERVICES. THE THIRD PHASE PROVIDED ON-THE-JOB TRAINING IN LOCAL BUSINESSES FOR 12TH GRADE STUDENTS WITH THE ADEQUATE SKILLS AND COMPETENCIES. A FOLLOWUP STUDY CONDUCTED AFTER ONE YEAR OF EMPLOYMENT INDICATED A THIRD OF THE STUDENTS WHO HAD COMPLETED THE PROGRAM WERE EMPLOYED IN A RELATED FIELD. A SAMPLE LEARNING PACKET ON DRAPERY CONSTRUCTION IS INCLUDED. (NJ)

#### VT 102 331

GARNER, CURTIS  
HOSPITALITY INDUSTRY MANAGEMENT.  
CERTIFICATE OF COMPETENCE PROGRAM.  
PROJECT REPORT.

HENDERSON STATE UNIV., ARKADELPHIA, ARK.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUL75 9P.

DESCRIPTORS - \*HOTELS; \*MANAGERIAL OCCUPATIONS; \*FOOD SERVICE OCCUPATIONS; CERTIFICATION; PROGRAM DEVELOPMENT  
IDENTIFIERS - ARKANSAS

ABSTRACT - AN ATTEMPT WAS MADE TO ESTABLISH A CAREER-ORIENTED PROGRAM IN HOSPITALITY INDUSTRY MANAGEMENT AT HENDERSON STATE UNIVERSITY. THE

OBJECTIVES OF THE PROGRAM WERE TO DEVELOP AND INITIATE A TRAINING PROGRAM TO PRODUCE CERTIFIED PERSONNEL FOR THE HOSPITALITY INDUSTRY IN ARKANSAS. THE PROJECT WAS CONDUCTED FROM OCTOBER 1973 TO JUNE 1975. DURING THE FIRST YEAR, MATERIALS WERE DEVELOPED AND COURSES WERE DESIGNED AND CONDUCTED. IN THE SECOND YEAR, THE DEPRESSED NATURE OF THE TOURISM INDUSTRY AND THE EXISTENCE OF A WIDER RANGE OF LOCAL ALTERNATIVES FOR CAREER PREPARATION IN THE HOSPITALITY FIELD LED TO A MODIFICATION OF THE ORIGINAL OBJECTIVES. THE PROJECT THEN CONSOLIDATED ITS EFFORTS WITH THE QUAPAW VOCATIONAL-TECHNICAL SCHOOL AT THE HOT SPRINGS TO PROVIDE SPECIALIZED PROGRAMS IN HOSPITALITY INDUSTRY TRAINING. (NJ)

#### VT 102 332

DETERMINATION OF THE MOST EFFECTIVE PROCEDURES FOR IMPLEMENTATION OF SCHOOL-WIDE JUNIOR HIGH CAREER EXPLORATORY EXPERIENCES AND FOR THE PLACEMENT AND FOLLOW-UP OF ALL EXITING STUDENTS K-14. VOLUME I. FINAL REPORT.

ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. DIV. OF VOCATIONAL EDUCATION AND COMMUNITY COLLEGES. BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

DEG-0-73-3001

PUB DATE - FEB75 117P.; RELATED DOCUMENT VT 102 333 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*JUNIOR HIGH SCHOOL STUDENTS; \*JOB PLACEMENT; SECONDARY GRADES; DROPOUT PREVENTION; \*COMMUNITY RESOURCES; PILOT PROJECTS  
IDENTIFIERS - \*CAREER EXPLORATION; ALABAMA

ABSTRACT - THE PROJECT REPORTED IN THIS DOCUMENT FOCUSED ON TWO ASPECTS OF CAREER EDUCATION PROGRAMS. ONE FOCUS WAS ON DETERMINING EFFECTIVE METHODS FOR IMPLEMENTING CAREER EXPLORATORY



EXPERIENCES FOR JUNIOR HIGH SCHOOL STUDENTS. THE SECOND FOCUS WAS ON DETERMINING EFFECTIVE PROCEDURES FOR ESTABLISHING A COMPREHENSIVE SCHOOL-BASED PLACEMENT SERVICE FOR ALL EXITING STUDENTS. THE PROJECT WAS CONDUCTED IN TEN ALABAMA SCHOOLS, FIVE FOR EACH COMPONENT, DURING THE 1973-74 SCHOOL YEAR. THE EXPLORATION COMPONENT FOUND THAT THE MOST EFFECTIVE METHOD FOR PROVIDING EXPLORATORY EXPERIENCES INVOLVED A COMBINATION OF ON-THE-JOB EXPERIENCES, WORK-SETTING OBSERVATIONS, VISITING RESOURCE PERSONS, A CAREER RESOURCE CENTER, AND PRINTED MATERIALS. THE PROCEDURES FOLLOWED AND RESULTS ACHIEVED BY THE PLACEMENT COMPONENT FOR EACH SITE ARE DISCUSSED IN THE REPORT. (AUTHOR/NJ)

#### VT 102 333

LOREE, M. RAY

DETERMINATION OF THE MOST EFFECTIVE PROCEDURES FOR IMPLEMENTATION OF SCHOOL-WIDE JUNIOR HIGH CAREER EXPLORATORY EXPERIENCES AND FOR THE PLACEMENT AND FOLLOW-UP OF ALL EXITING STUDENTS K-14. VOLUME II. FINAL EVALUATION REPORT.

ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. DIV. OF VOCATIONAL EDUCATION AND COMMUNITY COLLEGES. BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

DEG-0-73-3001

PUB DATE - FEB75 92P.; RELATED DOCUMENT VT 102 332 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*SUMMATIVE EVALUATION; SECONDARY GRADES; \*JOB PLACEMENT; \*JUNIOR HIGH SCHOOL STUDENTS; PILOT PROJECTS

IDENTIFIERS - \*CAREER EXPLORATION; ALABAMA

ABSTRACT - THE STATE OF ALABAMA CAREER EDUCATION-EXPLORATION AND PLACEMENT PROJECT WAS AN ATTEMPT TO ORGANIZE AND STUDY ALTERNATE METHODS OF PROVIDING CAREER EDUCATION TO STUDENTS IN THE JUNIOR

AND SENIOR HIGH GRADES. EMPHASIS WAS PLACED ON "EXPLORATION" AT THE JUNIOR HIGH LEVEL, WHEREAS THE MAJOR PROGRAM GOALS FOR OLDER STUDENTS REVOLVED AROUND THE DEVELOPMENT OF PROCEDURES TO INSURE THE PLACEMENT OF ALL EXITING STUDENTS IN EITHER A JOB, A POSTSECONDARY OCCUPATIONAL PROGRAM, OR A BACCALUREATE PROGRAM. TEN SITES, FIVE EXPLORATION AND FIVE PLACEMENT, PARTICIPATED IN THE PROJECT DURING THE 1973-74 SCHOOL YEAR. VOLUME II CONSISTS OF THE THIRD PARTY EVALUATION AND IS REPORTED IN THREE SECTIONS: MANAGEMENT, EXPLORATION, AND PLACEMENT. THE EXPLORATION AND PLACEMENT COMPONENTS ARE FURTHER SUBDIVIDED INTO PRODUCT EVALUATION (DATE FROM TESTS AND OUTPUT IN THE FORM OF SUGGESTED SUCCESSFUL METHODS) AND PROCESS EVALUATION (PROCEDURES AND ACTIVITIES). (AUTHOR/NJ)

#### VT 102 334

GOLDSMITH, FRANCES S.

DEVELOPING MINI LESSONS ON VIDEO TAPE FOR USE IN UNITS OF INSTRUCTION FOR CHILD-DAY CARE CENTER PERSONNEL. FINAL REPORT.

LOUISVILLE UNIV., KY. DEPT. OF HOME ECONOMICS.

KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

PUB DATE - 30JUN75 79P.

DESCRIPTORS - \*AUDIOVISUAL INSTRUCTION; \*CURRICULUM DEVELOPMENT; TEACHER EDUCATION CURRICULUM; \*EARLY CHILDHOOD EDUCATION; \*VIDEO TAPE RECORDINGS; NURSERY SCHOOLS; \*PRESCHOOL TEACHERS; INSERVICE EDUCATION

ABSTRACT - THE PURPOSE OF THIS PROJECT WAS TO DEVELOP VIDEO TAPES TO BE USED AS MINILESSONS IN THE INSTRUCTION OF CHILD DAY CARE CENTER PERSONNEL. THE TAPES ARE OF EXPERIENCED AND QUALIFIED TEACHERS WORKING WITH SMALL CHILDREN IN 22 LICENSED DAY CARE CENTERS IN THE

LOUISVILLE AREA. FIVE CURRICULUM UNITS FORM THE FRAMEWORK FOR ORGANIZATION OF THE TAPED LESSONS: UNDERSTANDING AND GUIDING CHILDREN UNDER SIX, FOOD FOR CHILDREN IN DAY CARE CENTERS, CREATIVE ACTIVITIES FOR CHILDREN IN CENTERS, PLANNING A DAILY PROGRAM FOR CHILDREN IN CENTERS, AND CARING FOR INFANTS IN DAY CARE CENTERS. TWENTY-TWO VIDEO TAPES, VARYING FROM 15 TO 30 MINUTES, COVER THE MAJOR CONCEPTS IN THE FIVE CURRICULUM GUIDES. INCLUDED IN THE REPORT IS AN INSTRUCTIONAL PACKET, DEVELOPED FOR USE AS A SUPPLEMENTAL GUIDE TO THE VIDEO TAPES. IT INCLUDES DETAILED CONCEPTS FOR EACH TAPE WHICH ARE CLEARLY IDENTIFIED BY THE TITLE. (NJ)

#### VT 102 335

ALLEN, ED L.  
A TRIANGULAR TEACHING PROCESS IN MASS COMMUNICATION. FINAL REPORT.

APOLLO HIGH SCHOOL, OWENSBORO, KY.  
KENTUCKY STATE DEPT. OF EDUCATION,  
FRANKFORT. BUREAU OF VOCATIONAL  
EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 75 23P.

DESCRIPTORS - \*COMMUNICATIONS;  
\*TELEVISION; \*RADIO; \*TEACHING  
PROGRAMS; CAREER EDUCATION;  
COOPERATIVE PROGRAMS; SECONDARY  
GRADES; PRODUCTION TECHNIQUES;  
DEVELOPMENTAL PROGRAMS; MASS MEDIA  
IDENTIFIERS - \*CAREER PREPARATION

ABSTRACT - FROM AUGUST 1974 TO JUNE 1975, THREE SCHOOLS IN THE OWENSBORO, KENTUCKY AREA COOPERATED IN AN EFFORT TO PROVIDE AN INSTRUCTIONAL PROGRAM IN MASS COMMUNICATIONS TO HIGH SCHOOL STUDENTS. A FOUR-YEAR COMPREHENSIVE HIGH SCHOOL, A VOCATIONAL SCHOOL, AND KENTUCKY WESLEYAN COLLEGE POOLED TEACHING STAFF, EQUIPMENT, AND FACILITY RESOURCES IN A COURSE OFFERING FOR 32 STUDENTS DURING THE 1974-75 SCHOOL YEAR. STUDENTS EXPERIENCED EXTENSIVE HANDS-ON ACTIVITIES, LEARNED HOW RADIO AND TELEVISION STATIONS OPERATE, AND

LEARNED ABOUT CAREER OPPORTUNITIES IN THE MASS COMMUNICATIONS FIELD. THE HIGH POINTS OF THE PROGRAM WERE THE PRODUCTION OF RADIO PROGRAMS FOR AIRING ON LOCAL COMMERCIAL STATIONS AND THE PRODUCTION OF CLOSED-CIRCUIT TELEVISION PROGRAMS. (NJ)

#### VT 102 336

MINING AND RECLAMATION COOPERATIVE  
EDUCATION PROGRAM. PROGRESS REPORT.

MADISONVILLE STATE VOCATIONAL-  
TECHNICAL SCHOOL, KY.; MADISONVILLE  
COMMUNITY COLL., KY.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 30JUN75 63P.

DESCRIPTORS - \*COOPERATIVE  
EDUCATION; \*LAND USE; DEVELOPMENTAL  
PROGRAMS; MANPOWER DEVELOPMENT;  
VOCATIONAL SCHOOLS; COMMUNITY  
COLLEGES; \*WORK EXPERIENCE;  
\*CONSERVATION (ENVIRONMENT)  
IDENTIFIERS - \*MINING

ABSTRACT - THIS EXEMPLARY PROJECT WAS THE COOPERATIVE EFFORT OF TWO SCHOOLS IN THE WESTERN KENTUCKY COAL FIELDS TO FIELD TEST A PROGRAM IN MINING AND RECLAMATION TECHNOLOGY. COVERING THE FIRST YEAR OF THE PROJECT, THIS REPORT DESCRIBES THE PROBLEM AND SCOPE OF THE STUDY, THE OBJECTIVES PURSUED, THE METHODOLOGY, AND THE RESULTS OBTAINED. THE GOAL OF THE PROJECT WAS TO RELIEVE THE MANPOWER SHORTAGE BY TRAINING AND RETRAINING PEOPLE IN REGION II TO BE SAFER COAL MINERS OR RECLAMATION TECHNOLOGISTS. SELECTION OF STUDENTS DESIRING WORK EXPERIENCE WHILE ENROLLED IN THE PROGRAM WAS MADE JOINTLY BY THE SCHOOLS AND THE MINING COMPANIES. DURING THE YEAR THE COOPERATIVE COORDINATOR CONTINUED IN RECRUITMENT, COUNSELING, INTERVIEWING, EVALUATION, AND SECURING CO-OP POSITIONS. (NJ)

#### VT 102 337

BUCKINGHAM, LILLIAN E.  
CAREER EDUCATION FOR REGION XII.  
ANNUAL REPORT.

KENTUCKY VALLEY EDUCATIONAL COOPERATIVE, HAZARD. SOUTHERN ASSOCIATION OF COLLEGES AND SCHOOLS, ATLANTA, GA. COMMISSION ON OCCUPATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - 01MAR75 17P.

DESCRIPTORS - \*CAREER EDUCATION; \*PROGRAM EVALUATION; CONSORTIA; \*REGIONAL COOPERATION; INTERINSTITUTIONAL COOPERATION; ANNUAL REPORTS

ABSTRACT - THIS REPORT EVALUATES THE KENTUCKY VALLEY EDUCATIONAL COOPERATIVE CAREER EDUCATION PROJECT IN EASTERN KENTUCKY. THE PROJECT STAFF INVOLVED PERSONNEL FROM MOREHEAD UNIVERSITY, EASTERN KENTUCKY UNIVERSITY, BOWLING GREEN AND OWENSBORO, AND FROM THE KENTUCKY STATE DEPARTMENT OF EDUCATION IN WORKSHOPS, INSERVICE TRAINING, DEMONSTRATION UNITS, AND CONFERENCES. THE EVALUATOR MADE THREE THREE-DAY ONSITE VISITS, MEETING WITH SUPERINTENDENTS, PROJECT STAFF AND COORDINATORS, PRINCIPALS, COUNSELORS, TEACHERS, PUPILS, PARENTS, AND COMMUNITY LEADERS. VARIOUS PROJECT PRODUCTS - REPORTS, HANDBOOKS, PLANS AND OUTCOMES FOR WORKSHOPS, SURVEYS, NEWSLETTERS, LESSON PLANS, AND STUDENTS' WORK WERE CONSIDERED IN THE EVALUATION. AFTER MEETING WITH THE PEOPLE IN REGION XII, READING THE MATERIALS FURNISHED, STUDYING THE OBJECTIVES AND ATTAINMENTS, AND DISCUSSING THE OUTCOMES AND PRACTICES, IT WAS FOUND THAT THE OVERALL GOALS OF THE PROJECT WERE ACHIEVED. (NJ)

VT 102 338

SOUTH CAROLINA SEMI-ANNUAL RESEARCH COORDINATING ACTIVITY REPORT.

SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION. BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - 30JUN75 5P.

DESCRIPTORS - \*RESEARCH COORDINATING UNITS; \*RESEARCH PROJECTS; \*REPORTS IDENTIFIERS - SOUTH CAROLINA

ABSTRACT - THIS DOCUMENT OUTLINES THE ACTIVITIES OF THE SOUTH CAROLINA STATE-ADMINISTERED RESEARCH AND DEVELOPMENT PROGRAM FOR THE SIX-MONTH PERIOD ENDING JUNE 30, 1975. NEW PROJECTS ARE LISTED BY FUNDING SOURCE, TITLE, AND LOCATION OF PROJECT GRANTEE/CONTRACTOR. RESEARCH AND DEVELOPMENT RELATED ACTIVITIES AS WELL AS MAJOR PROJECTS/ACTIVITIES PLANNED FOR THE NEXT SIX MONTHS ARE ALSO LISTED. (LJ)

VT 102 339

OMVIG, CLAYTON P. EFFECTS OF A PROGRAM OF CAREER EDUCATION IN KENTUCKY'S EDUCATION REGION XII. FINAL REPORT.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION. KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - NOV74 252P.

DESCRIPTORS - \*CAREER EDUCATION; \*SUMMATIVE EVALUATION; \*PROGRAM EFFECTIVENESS; RESEARCH PROJECTS IDENTIFIERS - KENTUCKY

ABSTRACT - PRESENTED IN THIS REPORT ARE THE RESULTS OF A RESEARCH PROJECT DESIGNED TO ASSESS THE EFFECTS OF A REGIONAL CAREER EDUCATION PROGRAM IN KENTUCKY. THE PURPOSE OF THE PROJECT WAS TO GATHER DATA TO USE IN EVALUATING THE EFFECTS OF THE PROJECT AS WELL AS BASELINE DATA PRIOR TO IMPLEMENTATION OF A CAREER EDUCATION PROGRAM. DATA WERE GATHERED RELATIVE TO FOUR MAJOR COMPONENTS: (1) COMMUNITY, (2) PROFESSIONAL STAFF DEVELOPMENT, (3) STUDENT, AND (4) PROJECT

MANAGEMENT. THE PRIMARY OBJECTIVE OF THE COMMUNITY SEGMENT WAS TO EVALUATE THE EXTENT AND EFFECTIVENESS OF COMMUNITY PARTICIPATION IN THE HAZARD CAREER EDUCATION PROJECT. THE PROFESSIONAL STAFF COMPONENT WAS DESIGNED TO (1) ASSESS THE EFFECTIVENESS OF VARIOUS PROGRAMS AND ACTIVITIES IN INCREASING THE KNOWLEDGE LEVEL OR ATTITUDE OF STAFF MEMBERS CONCERNING CAREER EDUCATION, (2) TO IDENTIFY FACTORS WHICH CONTRIBUTE TO THE SUCCESSFUL DEVELOPMENT OF CAREER EDUCATION, (3) TO IDENTIFY PERSONNEL DEVELOPMENT TECHNIQUES CONSIDERED MOST EFFECTIVE, AND (4) TO IDENTIFY IMPLEMENTATION PROBLEMS IN CAREER EDUCATION. THE STUDENT COMPONENT DATA INCLUDED ACADEMIC ACHIEVEMENT, ATTITUDES, CAREER MATURITY, MOTIVATION, OCCUPATIONAL ASPIRATIONS, AND ABSENTEEISM. EVALUATION BY THE MANAGEMENT COMPONENT INCLUDED ARTICULATING AND CLARIFYING GOALS, SUPPORTING AND FACILITATING THE WORK, AND UTILIZING FACILITIES, MATERIALS AND HUMAN RESOURCES. (AUTHOR/NJ)

VT 102 340

COLLINS, OWEN

CAREER EDUCATION PROGRAM FOR HAZARD REGION XII. FINAL REPORT.

KENTUCKY VALLEY EDUCATIONAL COOPERATIVE, HAZARD.

KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE-- 15FEB75 127P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*PROGRAM DESCRIPTIONS; CAREER AWARENESS; ELEMENTARY SCHOOL STUDENTS; SECONDARY SCHOOL STUDENTS; ECONOMICALLY DISADVANTAGED; PROGRAM EVALUATION; SCHOOL COMMUNITY PROGRAMS  
IDENTIFIERS - KENTUCKY; CAREER EXPLORATION; CAREER PREPARATION

ABSTRACT - COVERING THE TIME PERIOD OF FEBRUARY 1974 THROUGH JANUARY 1975, THIS FINAL REPORT DESCRIBES A PROJECT TO PLAN AND IMPLEMENT A K-

14 CAREER EDUCATION PROGRAM IN A RURAL AND MOUNTAINOUS AREA OF KENTUCKY. THE PROJECT DESIGN CONSISTED OF AN AWARENESS COMPONENT FOR GRADES 1-6, AN EXPLORATION COMPONENT FOR GRADES 7-9, A PREPARATION COMPONENT FOR GRADES 10-12, AND A GUIDANCE COMPONENT INTEGRATED WITH THE OTHER THREE. A REGIONAL CAREER EDUCATION STAFF DIRECTED AND COORDINATED THE PROGRAM WHICH SOUGHT TO INVOLVE THE COMMUNITY AS MUCH AS POSSIBLE. THE FIVE PHASES OF THE PROJECT DESCRIBED ARE: ORIENTATION, PREPARATION, INSERVICE, IMPLEMENTATION, AND EVALUATION. THE REPORT CONCLUDES THAT A REGIONAL CONCEPT TO THE DELIVERY OF A PROGRAM IN CAREER EDUCATION IS WORKABLE AND EFFECTIVE AND PROVIDES A MEANS OF REACHING A GREAT NUMBER OF PERSONS. DURING THE SECOND YEAR, THE PROGRAM REACHED OVER 22,000 STUDENTS. INCLUDED IN THE APPENDIXES ARE REPORTS OF WORKSHOP PROCEEDINGS AND EVALUATION INSTRUMENTS AND RESULTS. (NJ)

VT 102 341

BOGGS, MINNIE E.

ARTICULATION AMONG AND BETWEEN PUBLIC SECONDARY AND POST-SECONDARY INSTITUTIONS IN HAWAII. A FOLLOW-UP STUDY OF THE IMPLEMENTATION OF THE FY 1973 ARTICULATION RECOMMENDATIONS. FINAL REPORT.

HAWAII STATE DEPT. OF EDUCATION, HONOLULU. DIV. OF VOCATIONAL EDUCATION.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

OEG-0-74-1649

PUB DATE - MAY75 74P.; RELATED DOCUMENT VT 102 342 IN THIS ISSUE.

DESCRIPTORS - \*ARTICULATION (PROGRAM); \*FORMATIVE EVALUATION; \*FOLLOWUP STUDIES; SECONDARY SCHOOLS; COMMUNITY COLLEGES; \*VOCATIONAL EDUCATION; AUTO MECHANICS (OCCUPATION); BUSINESS EDUCATION; DRAFTING; FOOD SERVICE OCCUPATIONS  
IDENTIFIERS - HAWAII



**ABSTRACT - ARTICULATION EFFORTS IN HAWAII ADDRESS THE NEED FOR COOPERATIVE PLANNING AND SYSTEMATIC COORDINATION IN EDUCATIONAL PROGRAMS. TO ACHIEVE MORE INTEGRATION IN VOCATIONAL PROGRAMS OFFERED IN THE PUBLIC SECONDARY AND POSTSECONDARY PROGRAMS, THE STATE DIRECTOR FOR VOCATIONAL EDUCATION OBTAINED FEDERAL FUNDS FOR YEAR-LONG MEETINGS INVOLVING PERSONNEL FROM BOTH LEVELS OF EDUCATION. THE 1972-73 MEETINGS FOCUSED ON AUTOMOTIVE MECHANICS, BUSINESS EDUCATION, DRAFTING, AND FOOD SERVICES AND RESULTED IN SPECIFIC RECOMMENDATIONS. DURING 1974-75 ELECTRICITY, ELECTRONICS TECHNOLOGY, AND ALLIED HEALTH WERE THE AREAS OF CONCENTRATION. THE OBJECTIVES OF ARTICULATION BETWEEN VOCATIONAL EDUCATION AREAS IN HAWAII'S HIGH SCHOOLS AND COMMUNITY COLLEGES INCLUDE FACILITATING PROGRAM ENTRY ON THE COMMUNITY COLLEGE LEVEL, MINIMIZING PROGRAM DUPLICATION, AND THE USE OF UNIFORM COMPETENCY TESTS IN STUDENT EVALUATION OR PLACEMENT. THIS REPORT IS A FORMATIVE EVALUATION OF ARTICULATION EFFORTS STEMMING FROM THE FY73 ARTICULATION INSTITUTE RECOMMENDATIONS. DATA WERE OBTAINED MAINLY THROUGH ONSITE INTERVIEWS, LETTERS OF INQUIRY, A SURVEY INSTRUMENT, TELEPHONE CONVERSATIONS, AND MEETINGS. (AUTHOR/NJ)**

**VT 102 342**

**BOGGS, MINNIE E., ED.; LEE, GEORGE, ED.**

**ARTICULATION OF SECONDARY AND POST-SECONDARY VOCATIONAL EDUCATION PROGRAMS. FINAL REPORT.**

**HAWAII STATE DEPT. OF EDUCATION, HONOLULU. DIV. OF VOCATIONAL EDUCATION.**

**OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.**

**MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.**

**OEG-9-74-0084**

**PUB DATE - MAY75 138P.; RELATED DOCUMENT VT 102 341 IN THIS ISSUE.**

**DESCRIPTORS - \*ARTICULATION (PROGRAM); \*VOCATIONAL EDUCATION; \*SUMMATIVE EVALUATION; SECONDARY SCHOOLS; COMMUNITY COLLEGES; AGRICULTURE; AUTO BODY REPAIRMEN; CARPENTERS; DISTRIBUTIVE EDUCATION IDENTIFIERS - HAWAII**

**ABSTRACT - THE THIRD ARTICULATION INSTITUTE BROUGHT TOGETHER EDUCATORS FROM FOUR VOCATIONAL EDUCATION SUBJECT AREAS IN HAWAII: AGRICULTURE, AUTO BODY REPAIR AND PAINTING, CARPENTRY, AND DISTRIBUTIVE EDUCATION. THE INTENT OF THE INSTITUTE WAS TO INITIATE SPECIFIC RECOMMENDATIONS TO FACILITATE STUDENT TRANSITION FROM ONE SCHOOL TO ANOTHER WITHIN AND BETWEEN THE SECONDARY AND POSTSECONDARY LEVELS OF EDUCATION. BETWEEN NOVEMBER 1974 AND MARCH 1975, THREE WORKSHOPS WERE HELD AT WHICH EDUCATORS FROM THE FOUR SUBJECT AREAS MET TO SPECIFY PROBLEMS AND MAKE RECOMMENDATIONS. THESE RECOMMENDATIONS WERE REVIEWED BY COMMUNITY COLLEGE PROVOSTS AND DEANS, DEPARTMENT OF EDUCATION SUPERINTENDENTS, AND CURRICULUM SPECIALISTS. THE REPORT CONSTITUTES THE FINAL RECOMMENDATIONS MADE BY THE VOCATIONAL EDUCATORS WHO PARTICIPATED IN THE ARTICULATION INSTITUTE. (AUTHOR/NJ)**

**VT 102 343**

**MACLEOD, GEORGE H.**

**REVAMP. REVITALIZE THE VOCATIONAL AND ACADEMIC MULTIFARIOUS PROGRAM THROUGH CAREER EDUCATION. FINAL REPORT.**

**SOUTH PORTLAND SCHOOL DEPT., MAINE. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.**

**MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.**

**OEG-9-73-5305**

**PUB DATE - JUL75 221P.**

**DESCRIPTORS - \*CAREER EDUCATION; \*DEVELOPMENTAL PROGRAMS; CAREER AWARENESS; ELEMENTARY SECONDARY EDUCATION; \*PROGRAM DESCRIPTIONS; PROGRAM EVALUATION; OCCUPATIONAL GUIDANCE IDENTIFIERS - CAREER EXPLORATION;**

## CAREER PREPARATION; CAREER ORIENTATION

**ABSTRACT -** THE ACTIVITIES OF THE SECOND YEAR OF A CAREER EDUCATION PROJECT IN THE SOUTH PORTLAND SCHOOLS IS REPORTED IN THIS DOCUMENT WHICH COVERS THE TIME PERIOD OF JULY 1974 TO JUNE 1975. THE PROJECT CONSISTS OF A CAREER AWARENESS COMPONENT FOR GRADE LEVELS K-6, A CAREER ORIENTATION COMPONENT FOR LEVELS 7 AND 8, A CAREER EXPLORATION PHASE FOR GRADE 9, AND A CAREER PREPARATION COMPONENT FOR GRADES LEVELS 10-12. A PROGRAM RECYCLING COMPONENT OFFERS COURSE WORK AND GUIDANCE SERVICES TO ALL OUT-OF-SCHOOL YOUTH AND ADULTS. IN ADDITION, THE PROJECT IS INVOLVED WITH DISSEMINATION OF INFORMATION ABOUT CAREER EDUCATION. THIS REPORT DESCRIBES THE PROCEDURES, RESULTS AND ACCOMPLISHMENTS OF THE PROJECT YEAR. A THIRD PARTY EVALUATION IS INCLUDED. (NJ)

VT 102 344

METRIC EDUCATION. AN ANNOTATED BIBLIOGRAPHY FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION. BIBLIOGRAPHY SERIES NO. 26.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

DEC-0-74-9335

CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #BB26, \$10.00 EA.)

PUB DATE - 74 156P.; RELATED DOCUMENT VT 102 227 IN THIS ISSUE.

**DESCRIPTORS -** \*ANNOTATED BIBLIOGRAPHIES; \*METRIC SYSTEM; \*VOCATIONAL EDUCATION; \*REFERENCE MATERIALS

**ABSTRACT -** THIS ANNOTATED BIBLIOGRAPHY IS DESIGNED TO ASSIST VOCATIONAL, TECHNICAL, AND ADULT EDUCATION TEACHERS AND OTHERS

LOCATE AVAILABLE MATERIALS ON METRIC EDUCATION. EACH CITED ITEM IS AVAILABLE FROM A SUPPLIER OR AN INFORMATION SYSTEM. IT IS ORGANIZED INTO THREE SECTIONS: INSTRUCTIONAL MATERIALS, REFERENCE MATERIALS AND RESOURCE LISTS. THE INSTRUCTIONAL MATERIALS SECTION IS ORGANIZED BY MATERIAL TYPE: INSTRUCTOR GUIDES, STUDENT MATERIALS, AND AUDIO-VISUAL MATERIALS. EACH CITATION PROVIDES INFORMATION ON POSSIBLE USE; FOR EXAMPLE, EDUCATIONAL LEVEL INDICATED IN PARENTHESIS AT THE END OF EACH CITATION AND CONTENT INDICATED IN THE ANNOTATION. INCLUDED IN THE REFERENCE MATERIALS SECTION ARE ITEMS ON GENERAL METRICATION, IMPACT ON EDUCATION, METRICATION OF BUSINESS AND INDUSTRY, IMPACT ON CONSUMERS, INTERNATIONAL SYSTEM OF UNITS (SI), CONVERTING FROM CUSTOMARY TO METRIC UNITS, NATIONAL AND INTERNATIONAL STANDARDS, AND BIBLIOGRAPHIES. THE LISTS OF RESOURCES IN SECTION THREE ARE DESIGNED TO HELP THE USER LOCATE ORGANIZATIONS, PUBLISHERS, SUPPLIERS, AND RESOURCE PERSONS WHO MAY BE HELPFUL IN DEVELOPING OR SELECTING CURRICULUM MATERIALS. NAMES, ADDRESSES, AND AVAILABLE MATERIALS AND SERVICES ARE GIVEN. (AUTHOR/NJ)

VT 102 345

MOBILE TRAINING UNIT. FINAL REPORT.

INDIANA UNIV., SOUTH BEND. INDIANA CAREER RESOURCE CENTER.

INDIANA STATE DEPT. OF PUBLIC INSTRUCTION, INDIANAPOLIS. DIV. OF VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

PUB DATE - JUL75 27P.

**DESCRIPTORS -** \*CAREER EDUCATION; INFORMATION DISSEMINATION; \*GUIDANCE CENTERS; \*MOBILE EDUCATIONAL SERVICES; STATE PROGRAMS; DEMONSTRATION PROGRAMS; INSERVICE TEACHER EDUCATION IDENTIFIERS - INDIANA

**ABSTRACT -** FROM JULY 1974 TO JUNE 1975, THE MOBILE TRAINING UNIT TRAVELED THROUGHOUT INDIANA

DISPLAYING CAREER EDUCATION RELATED MATERIALS AND PROVIDING COUNSELING SERVICES TO GROUPS OF YOUTH. THE PROJECT GOAL WAS TO PROVIDE EDUCATORS WITH UP-TO-DATE INFORMATION ABOUT CAREER EDUCATION MATERIALS AND NEW APPROACHES TO CAREER DEVELOPMENT. ON TWO OCCASIONS THE UNIT WAS DRIVEN TO NATIONAL MEETINGS AND USED AS A DISPLAY CHARACTERIZING THE TYPE OF MATERIALS AND ACTIVITIES USED BY INDIANA TO PROMOTE CAREER EDUCATION IN THE SCHOOLS. EVALUATION METHODS INCLUDED THE USE OF A MILEAGE LOG TO RECORD TRIP INFORMATION AND QUESTIONNAIRES AND FOLLOWUP LETTERS TO ASSESS USER REACTION. THE RESULTS OF THE EVALUATIONS ARE INCLUDED IN THE REPORT. (NJ)

VT 102 346

DRECHSEL, LIONEL  
CAREER DEVELOPMENT PROJECT. FINAL REPORT AND EVALUATION.

OGDEN CITY SCHOOL DISTRICT, UTAH.  
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

OEG-0-72-0886

PUB DATE - MAR75 28P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*VOCATIONAL DEVELOPMENT; \*SUMMATIVE EVALUATION; ELEMENTARY GRADES; SECONDARY GRADES; OCCUPATIONAL GUIDANCE; JOB PLACEMENT; SCHOOL COMMUNITY PROGRAMS

ABSTRACT - COVERING THE TIME PERIOD OF OCTOBER 1972 TO MAY 1974, THIS FINAL REPORT DOCUMENTS THE EFFORTS OF A CAREER EDUCATION PROJECT IN THE OGDEN CITY SCHOOL DISTRICT. IN THE ELEMENTARY GRADES THE PROGRAM STRESSED THE IMPORTANCE OF WORK AND WORKERS AND INTRODUCED SOME VERY BASIC CAREERS. ON THE JUNIOR AND SENIOR HIGH SCHOOL LEVELS, A CAREER GUIDANCE AND PLACEMENT CENTER SERVED AS THE HUB OF CAREER EXPLORATION, PLANNING AND PLACEMENT, PROVIDING RESOURCE MATERIALS AND COORDINATING COMMUNITY INVOLVEMENT. THE PROGRAM

ALSO PROVIDED CAREER INFORMATION TO PARENTS AND TEACHERS TO ENABLE THEM TO MORE ADEQUATELY FULFILL THEIR GUIDANCE RESPONSIBILITIES. OPERATION PARTNERSHIP SURVEYED LOCAL BUSINESS AND INDUSTRY TO GAIN INFORMATION TO MORE EFFECTIVELY EDUCATE STUDENTS FOR THE WORLD OF WORK. PROVISIONS WERE ALSO MADE FOR FIELD TRIPS, ON-THE-JOB EXPERIENCE, AND JOB TRAINING. THE RESULTS OF THE INDEPENDENT THIRD PARTY EVALUATION ARE INCLUDED IN THE REPORT. (AUTHOR/NJ)

VT 102 347

BINGNER, CHARLES  
ARTICULATION OF OCCUPATIONAL ORIENTATION, EDUCATION AND PLACEMENT IN PRIVATE AND PUBLIC ELEMENTARY, SECONDARY AND POST SECONDARY SCHOOLS. FINAL REPORT.

LAKE SHORE TECHNICAL INST.,  
SHEBOYGAN, WIS.  
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

OEG-0-71-1027(361)

PUB DATE - 31JUL74 503P.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*CAREER EDUCATION; \*DEVELOPMENTAL PROGRAMS; \*ARTICULATION (PROGRAM); \*PROGRAM EVALUATION; ELEMENTARY GRADES; SECONDARY GRADES; POST SECONDARY EDUCATION; JOB PLACEMENT; OCCUPATIONAL GUIDANCE; JOB TRAINING

ABSTRACT - CONDUCTED FROM MAY 1971 TO JULY 1974, AT THE LAKE SHORE TECHNICAL INSTITUTE IN SHEBOYGAN, WISCONSIN, THIS COMPREHENSIVE CAREER EDUCATION PROGRAM SOUGHT TO PROVIDE OCCUPATIONAL INFORMATION, COUNSELING AND GUIDANCE SERVICES, JOB TRAINING, WORK EXPERIENCE AND JOB PLACEMENT FOR STUDENTS IN DISTRICT 11. ESTABLISHED INITIALLY TO SERVE 15 SCHOOL DISTRICTS, THE PROJECT, AFTER ONE YEAR, WAS REDIRECTED INTO A "MODEL SCHOOL" APPROACH AND LIMITED TO SERVING ONLY FOUR SCHOOLS. BUSINESS, INDUSTRY, AND LABOR BECAME INVOLVED.

AND LENT SUPPORT TO THE PROJECT. A K-14 CURRICULUM GUIDE WAS DEVELOPED WHICH PROVED USEFUL FOR INSERVICE WORK. CAREER INFORMATION CENTERS WERE ESTABLISHED IN ALL FOUR SCHOOLS -- ELEMENTARY, JUNIOR HIGH, SENIOR HIGH, AND POSTSECONDARY. MANY SCHOOLS BEYOND THESE MODELS IMPLEMENTED ACTIVITIES INITIATED IN THE FIRST YEAR AND CARRIED THEM OUT WITH ONLY INCIDENTAL SUPPORT. A JOB BANK ON MICROFICHE PROVED TO BE THE MOST EFFECTIVE ACTIVITY TO BRING INTERESTED HIGH SCHOOL STUDENTS INTO THE CAREER INFORMATION CENTER. RESULTS OF THE THIRD PARTY EVALUATION WERE POSITIVE FOR TEACHER AND COUNSELOR ROLES AND ATTITUDES, THE CAREER CENTERS DEVELOPMENT AND USE, COMMUNITY AWARENESS AND INTEREST, STAFF WORKSHOPS, STUDENT AWARENESS OF POSTHIGH SCHOOL EDUCATION, AND CAREER AWARENESS IN ELEMENTARY CHILDREN. THE REPORT DESCRIBES THE PROJECT, PRESENTS THE EVALUATION RESULTS, AND INCLUDES VARIOUS PROJECT RELATED MATERIALS. (AUTHOR/NJ)

#### VT 102 348

POWERS, THOMAS F.; SWINTON, JOHN R. PARAMETERS OF THE FUTURE FOOD SERVICE WORLD OF WORK. A REPORT.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. FOOD SERVICE AND HOUSING ADMINISTRATION. PENNSYLVANIA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, HARRISBURG.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - 30JUN75 639P.

DESCRIPTORS - \*FOOD SERVICE INDUSTRY; \*RESEARCH REVIEWS (PUBLICATIONS); \*REFERENCE BOOKS; STATE OF THE ART REVIEWS; \*ECONOMIC FACTORS; NUTRITION; \*POPULATION TRENDS; FUTURES (OF SOCIETY)

ABSTRACT - THIS DOCUMENT IS A STUDY OF THE FOOD SERVICE INDUSTRY INTENDED FOR USE AS A REFERENCE BY FOOD SERVICE TEACHERS AND CURRICULUM PLANNERS. THE PURPOSE OF THE STUDY IS TO MAP THE ECONOMIC

AND TECHNOLOGICAL TERRITORY OF THE INDUSTRY, TO IDENTIFY THE DYNAMICS SHAPING THE INDUSTRY TODAY, AND TO CONSIDER QUESTIONS CRUCIAL TO AN ORDERLY CONSIDERATION OF THE FUTURE. IN THE SECTION ON INDUSTRY DYNAMICS, A PRINCIPAL FOCUS OF CONCERN IS ON LABOR COST AND SUPPLY AND ON THE PRODUCTIVITY OF LABOR. OTHER MAJOR TOPICS ARE FOOD PROCESSING EQUIPMENT AND METHODS, NUTRITION, AND ECONOMIC TRENDS. THE EFFECTS OF DEMOGRAPHY AND MIGRATION ON THE DEMAND FOR FOOD SERVICE ARE ALSO CONSIDERED. BIBLIOGRAPHIC ESSAYS PLACE THE MAIN POINTS OF THE SOURCE MATERIALS INTO AN OVERVIEW CONTEXT IN NARRATIVE AND SEQUENTIAL FORM. BIBLIOGRAPHIES FOLLOW EACH SECTION. (AUTHOR/NJ)

#### VT 102 349

NAGLE, ROBERT A. CLUSTER CURRICULUM DEVELOPMENT. FINAL REPORT.

LEHIGH COUNTY VOCATIONAL-TECHNICAL SCHOOL, SCHNECKSVILLE, PA. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - 07AUG74 13P.

DESCRIPTORS - \*OCCUPATIONAL CLUSTERS; \*CURRICULUM DEVELOPMENT; CAREER EDUCATION; \*VOCATIONAL HIGH SCHOOLS; COUNTY SCHOOL SYSTEMS; EDUCATIONAL PLANNING; FLEXIBLE SCHEDULING; SCHOOL EXPANSION; \*SCHOOL PLANNING IDENTIFIERS - LEHIGH COUNTY; PENNSYLVANIA

ABSTRACT - LEHIGH COUNTY VOCATIONAL-TECHNICAL SCHOOL ENGAGED IN A NINE-MONTH PROJECT OF CURRICULUM DEVELOPMENT BASED ON THE OCCUPATIONAL CLUSTERS CONCEPT. ESTABLISHED CAREER EDUCATION PROGRAMS IN FOUR HIGH SCHOOLS AND ONE VOCATIONAL SCHOOL IN GEORGIA WERE VISITED AND CURRICULUM MATERIALS FROM EIGHT UNIVERSITIES AND THE UNITED STATES GOVERNMENT PRINTING OFFICE WERE PURCHASED. BASED ON THIS INFORMATION, INDIVIDUALIZED INSTRUCTION MATERIAL HAS BEEN INTRODUCED TO REDUCE THE THREE-YEAR CURRICULUM TO TWO YEARS.



WORKSHOPS WERE PROVIDED FOR INDUSTRIAL ARTS, HOME ECONOMICS, AND BUSINESS INSTRUCTORS TO ENABLE THEM TO DEVELOP STUDENT CAREER AWARENESS AT EIGHTH AND NINTH GRADE LEVELS. A NEW BUILDING TO SERVE THE NEEDS OF THE MULTI-OCCUPATIONAL EXPERIENCES PROGRAM WAS DESIGNED. THE SCOPE AND NATURE OF THE PROJECT IS LEHIGH COUNTY VOCATIONAL-TECHNICAL SCHOOL'S JUSTIFICATION IN SEEKING PROJECT CONTINUANCE. A STAFF MEMO AND "PRINCIPAL ACTIVITIES AND TIME SEQUENCE CHART" FOR THE PROPOSED MULTI-OCCUPATIONAL EXPERIENCE WING ARE APPENDED. (KJ)

#### VT 102 350

DUMETZ, LOUISE P.; FRENCH, WINIFRED THE DUSABLE EXEMPLARY PROJECT. BRIDGING THE GAP BETWEEN SCHOOL AND THE WORLD OF WORK. FINAL REPORT.

DUSABLE HIGH SCHOOL, CHICAGO, ILL. BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

OEG-0-71-1026(361)

PUB DATE - JUL75 213P.

DESCRIPTORS - \*CAREER EDUCATION; \*URBAN SCHOOLS; \*ECONOMICALLY DISADVANTAGED; \*DEVELOPMENTAL PROGRAMS; ELEMENTARY GRADES; SECONDARY GRADES; OCCUPATIONAL GUIDANCE; COMPREHENSIVE PROGRAMS; PROGRAM DESCRIPTIONS; SUMMATIVE EVALUATION  
IDENTIFIERS - CHICAGO

ABSTRACT - FROM APRIL 1971 TO DECEMBER 1974, A CAREER EDUCATION PROJECT FOR ELEMENTARY AND SECONDARY GRADES WAS CONDUCTED IN A LOWER INCOME AREA OF URBAN CHICAGO. THE GENERAL OBJECTIVES INVOLVED THE DEVELOPMENT OF A GUIDANCE PROGRAM, INTEGRATION OF OCCUPATIONAL INFORMATION INTO THE CLASSROOM, SKILLS TRAINING, PLACEMENT, AND ATTITUDE ADJUSTMENT. CAREER EDUCATION CURRICULUM MATERIAL SUITABLE TO ALL LEVELS OF ELEMENTARY CLASSES WAS DEVELOPED. THE COUNSELOR-COORDINATOR COORDINATED GUIDANCE ACTIVITIES,

PARENT CONFERENCES, HOME VISITATIONS, PLACEMENT ACTIVITIES, AND INFORMATION DISSEMINATION. OCCUPATIONAL TRAINING PROGRAMS WERE CONDUCTED, AND SIX SKILL DEVELOPMENT CLASSES WERE HELD IN AUTOMOTIVE SERVICES, DATA PROCESSING, FOOD SERVICES, CLERICAL PROCEDURES, OFFSET PRINTING, AND TYPING. REGULAR ASSEMBLIES FOCUSING ON STUDENT ACCOMPLISHMENTS WERE HELD. OTHER FEATURES OF THE PROGRAM WERE OUTSIDE SPEAKERS, WEEKLY GROUP GUIDANCE SESSIONS, GROUP TRIPS, NEWSLETTER, AND VARIOUS SOCIAL FUNCTIONS. IT WAS CONCLUDED THAT THE PROGRAM HAS MADE A DEFINITE IMPACT UPON THE STUDENTS AND THE SCHOOL COMMUNITY, REACHING STUDENTS WHO WERE UNSKILLED AND UNINVOLVED AND HELPING THEM TO REGARD THEMSELVES AS POTENTIALLY VALUABLE EMPLOYEES. A THIRD PARTY EVALUATION IS INCLUDED IN THE REPORT. (NJ)

#### VT 102 351

CAREER DEVELOPMENT AND MEANINGFUL EXPLORATORY EXPERIENCES TO MIDDLE SCHOOL STUDENTS IN SOUTHERN INDIANA UTILIZING MOBILE DESIGN EDUCATIONAL UNITS. INTERIM REPORT.

INDIANA STATE BOARD OF VOCATIONAL EDUCATION, INDIANAPOLIS. CAREERS RESOURCE PROJECT.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

OEG-0-73-5312

PUB DATE - JUN75 218P.

DESCRIPTORS - \*CAREER EDUCATION; \*DEVELOPMENTAL PROGRAMS; \*MOBILE EDUCATIONAL SERVICES; \*RURAL SCHOOLS; MIDDLE SCHOOLS; INSERVICE TEACHER EDUCATION; PROGRAM DESCRIPTIONS; INTEGRATED CURRICULUM  
IDENTIFIERS - INDIANA

ABSTRACT - COVERING THE TIME PERIOD OF JULY 1974 TO JUNE 1975, THIS REPORT DOCUMENTS PROJECT ACTIVITIES OF THE SECOND YEAR OF A THREE-YEAR CAREER EDUCATION PROJECT IN SOUTHERN INDIANA. A TOTAL OF 37 SCHOOL CORPORATIONS IN AN ECONOMICALLY DEPRESSED RURAL AREA

PARTICIPATED IN AN EFFORT TO INFUSE CAREER EDUCATION CONCEPTS INTO THEIR EXISTING CURRICULUM. THROUGH INSERVICE ACTIVITIES, TEACHERS EXPERIENCED THE TECHNIQUES INVOLVED IN UNIT WRITING AND CURRICULUM DEVELOPMENT AND WERE EXPOSED TO THE VARIETY OF WAYS CAREER RELATED CONCEPTS MAY BE INTEGRATED INTO THE SUBJECT AREAS. BOTH TEACHERS AND STUDENTS BECAME BETTER INFORMED OF THE CAREER OPPORTUNITIES AVAILABLE IN THEIR COMMUNITIES AND OBSERVED FIRSTHAND, WORKERS FUNCTIONING IN THEIR ROLES. AS A RESULT OF THE MOBILE UNITS, A LARGE POPULATION BECAME ACQUAINTED WITH THE VARIETY OF RESOURCE MATERIALS AVAILABLE IN THE AREA OF CAREER EDUCATION. UTILIZATION OF COMMUNITY PERSONNEL IN PROGRAM DEVELOPMENT INCREASED THE COMMUNITY'S AWARENESS OF CAREER EDUCATION AND ITS MANY MERITS. APPENDIXES CONTAIN A MODEL FOR THE INFUSION OF CAREER EDUCATION CONCEPTS INTO CURRENT CURRICULUM, THE THIRD PARTY EVALUATOR'S SUMMARY OF THE SECOND OPERATIONAL YEAR, AND OTHER PROJECT-RELATED MATERIAL. (AUTHOR/NJ)

#### VT 102 352

HUGHES, VAN  
FILMSTRIP DEVELOPMENT AS AN AID TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE, FINAL REPORT.

OLIVER HIGH SCHOOL, PITTSBURGH, PA.  
PENNSYLVANIA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, HARRISBURG.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUN74 11P.

DESCRIPTORS - AUDIOVISUAL INSTRUCTION; \*FILMSTRIPS; INDIVIDUALIZED INSTRUCTION; \*MACHINE TOOLS; \*SHOP CURRICULUM

ABSTRACT - A SOUND-FILMSTRIP WAS DEVELOPED AT OLIVER HIGH SCHOOL TO ENABLE SHOP STUDENTS TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. THE STUDENT VIEWS THE PROGRAM WHILE PERFORMING AT THE MACHINE. A DU-KANE FILM-O-

SOUND PROJECTOR, EASILY OPERATED BY THE STUDENT, IS USED TO PRESENT THE PROGRAM WHICH CAN BE REPEATED AS OFTEN AS NECESSARY. THIS FINAL REPORT OF THE PROJECT INCLUDES AN APPENDIX WHICH DEMONSTRATES HOW THE FILMSTRIP IS COORDINATED WITH THE TAPED SCRIPT. (AUTHOR/NJ)

#### VT 102 353

CURTIS, SAMUEL M.  
EDUCATION IN AGRICULTURE FOR THE EDUCATIONALLY DISADVANTAGED. FINAL REPORT.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION.  
PENNSYLVANIA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, HARRISBURG.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - SEP74 55P.

DESCRIPTORS - \*AGRICULTURAL EDUCATION; \*EDUCATIONALLY DISADVANTAGED; \*CURRICULUM DEVELOPMENT; TEACHER IMPROVEMENT; \*CURRICULUM EVALUATION; OCCUPATIONAL INFORMATION IDENTIFIERS - PENNSYLVANIA

ABSTRACT - THIS PROJECT WAS AN EFFORT TO ALLEVIATE A RECOGNIZED NEED OF EDUCATIONALLY DISADVANTAGED STUDENTS ENROLLED IN VOCATIONAL AGRICULTURE CLASSES IN PENNSYLVANIA. THIS NEED EXTENDED TO TEACHER PREPARATION, INSTRUCTIONAL MATERIALS, AND VOCATIONAL GUIDANCE. INSTRUCTIONAL MATERIALS IN ORNAMENTAL HORTICULTURE, AGRICULTURAL MECHANICS, AND AGRICULTURAL PRODUCTION WERE DEVELOPED AND TESTED. MATERIALS WERE WRITTEN AT THE SIXTH GRADE READING LEVEL USUALLY IN TASK SHEET FORMAT. TWO TEACHER INSTITUTES WERE HELD TO IMPROVE COMPETENCY OF 25 TEACHERS IN THE PROJECT. OCCUPATIONAL INFORMATION OF ENTRY LEVEL TYPE JOBS WAS DISSEMINATED TO THE TEACHERS. IN EVALUATION, IT WAS FOUND THAT THE EXPERIMENTAL MATERIALS WERE SUPERIOR TO MATERIALS CURRENTLY IN USE WHEN CRITERION MEASURES WERE ACHIEVEMENT

AND PERFORMANCE TESTS. TEACHER ATTITUDE TOWARD DISADVANTAGED STUDENTS BECAME MORE POSITIVE, WITH THE GAINS STABILIZING DURING THE THIRD PROJECT YEAR. OCCUPATIONAL INFORMATION IN THE FORM OF A MANUAL WAS PRINTED AND DISSEMINATED TO GUIDANCE COUNSELORS AND TEACHERS. APPENDIXES INCLUDE SOME OF THE PROJECT DEVELOPED INSTRUCTIONAL MATERIALS. ALSO INCLUDED IN THE REPORT IS A LIST OF THESES AND PUBLICATIONS THAT RESULTED FROM THE PROJECT. (AUTHOR/NJ)

#### VT 102 354

BERGERSTOCK, DONALD B.

A FOLLOW UP STUDY OF GRADUATES AND EMPLOYERS RELATING TO THE BUSINESS ADMINISTRATION CURRICULA OF THE WILLIAMSPORT AREA COMMUNITY COLLEGE. FINAL REPORT.

WILLIAMSPORT AREA COMMUNITY COLL., PA.

PENNSYLVANIA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, HARRISBURG.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

PUB DATE - 30SEP74 58P.

DESCRIPTORS - \*FOLLOWUP STUDIES; \*BUSINESS EDUCATION; \*GRADUATE SURVEYS; COMMUNITY COLLEGES; SECRETARIES; ACCOUNTING; MANAGEMENT EDUCATION; \*CURRICULUM EVALUATION

ABSTRACT - THE PURPOSE OF THIS STUDY WAS TO DETERMINE THE ADEQUACY OF THE BUSINESS ADMINISTRATION DEPARTMENT CURRICULUMS OF THE WILLIAMSPORT AREA COMMUNITY COLLEGE IN MEETING THE NEEDS OF GRADUATES AND EMPLOYERS. GRADUATES FROM 1969-1973 IN ACCOUNTING, MANAGEMENT, AND SECRETARIAL SCIENCE WERE SURVEYED VIA MAIL QUESTIONNAIRES ON THEIR DEGREE OF SATISFACTION WITH THE TRAINING THEY HAD RECEIVED IN THEIR PROGRAMS. EMPLOYERS OF THE SCHOOL'S GRADUATES WERE ALSO ASSESSED BY THE SAME METHOD CONCERNING THEIR EVALUATION OF THE CALIBER OF WORK PERFORMED BY THE GRADUATES. THE FINDINGS SUPPORTED THE CONCLUSIONS THAT BOTH THE GRADUATES AND THE EMPLOYERS WERE SATISFIED WITH THE

SCHOOL'S PROGRAM. SAMPLES OF THE SURVEY QUESTIONNAIRES ARE APPENDED. (NJ)

#### VT 102 355

DEVELOPMENTAL RESEARCH OF OFF-FARM AGRICULTURAL BUSINESSES IN BERKS COUNTY, PENNSYLVANIA. FINAL REPORT.

BERKS COUNTY VOCATIONAL-TECHNICAL SCHOOLS, READING, PA.

PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL, AND CONTINUING EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

PUB DATE - JUN74 54P.

DESCRIPTORS - \*OFF FARM AGRICULTURAL OCCUPATIONS; \*ORNAMENTAL HORTICULTURE OCCUPATIONS; VOCATIONAL INTERESTS; \*EDUCATIONAL DEMAND; SURVEYS; VOCATIONAL HIGH SCHOOLS; CURRICULUM DEVELOPMENT; \*EMPLOYMENT PROJECTIONS; CAREER OPPORTUNITIES IDENTIFIERS - PENNSYLVANIA; BERKS COUNTY

ABSTRACT - STUDENT VOCATIONAL INTEREST AND AGRICULTURAL BUSINESS SURVEYS WERE CONDUCTED IN BERKS COUNTY, PENNSYLVANIA TO GAUGE CAREER OPPORTUNITIES IN OFF-FARM AGRICULTURAL OCCUPATIONS. THE SEVEN CATEGORIES OF BUSINESSES SURVEYED INCLUDED AGRICULTURE SUPPLIES, AGRICULTURE MECHANICS, HORTICULTURE MECHANICS, FLORICULTURE, LANDSCAPING, TURF, AND GARDEN CENTER SALES. OVER 25,000 STUDENTS AND PARENTS WERE SURVEYED, BUT A LOW PERCENTAGE OF RETURNS FAILED TO REVEAL ACCURATELY STUDENT CAREER INTERESTS. THE BUSINESS SURVEYS INDICATED INCREASED DEMAND FOR TRAINING IN ORNAMENTAL HORTICULTURE. TO MEET THIS EDUCATIONAL DEMAND, A PILOT PROGRAM OF CURRICULUM DEVELOPMENT WAS ESTABLISHED FOR SELECTED HIGH SCHOOL SENIORS THROUGH THE COOPERATIVE EFFORTS OF BERKS COUNTY VOCATIONAL-TECHNICAL SCHOOLS AND NOLDE STATE PARK ENVIRONMENTAL EDUCATION CENTER. THE PROGRAM INCLUDED CLASSROOM INSTRUCTION IN

AIR AND WATER POLLUTION, LAND USE AND MANAGEMENT, ENERGY AND WASTE DISPOSAL PROBLEMS, AND WILDLIFE CONCERNS; VISITS TO RESOURCE FACILITIES; HANDS-ON EXPERIENCE; SEMINARS WITH RESOURCE PERSONNEL; AND STUDENT RESEARCH PROJECTS. AS A RESULT OF STUDENT PRETESTING AND POSTTESTING, EMPLOYER EVALUATIONS, AND STUDENT QUESTIONNAIRE RESPONSES, AN ORNAMENTAL HORTICULTURE PILOT PROGRAM WAS INITIATED IN BERKS COUNTY VOCATIONAL-TECHNICAL SCHOOLS. (KJ)

VT 102 356

MEEHAN, MERRILL L.  
THE INTERRELATIONSHIPS OF PREADOLESCENTS' STUDENT CHARACTERISTICS INFLUENCING SELECTION OF CAREER EXPLORATION COURSES. FINAL REPORT. INDUSTRIAL ARTS EDUCATION MONOGRAPH SERIES, NUMBER ONE.

PENNSYLVANIA STATE UNIV.,  
UNIVERSITY PARK.  
PENNSYLVANIA STATE DEPT. OF  
EDUCATION, HARRISBURG. BUREAU OF  
VOCATIONAL, TECHNICAL, AND  
CONTINUING EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - MAY75 - 172P.

DESCRIPTORS - \*DECISION MAKING;  
\*COURSES; \*STUDENT CHARACTERISTICS;  
VOCATIONAL DEVELOPMENT; CAREER  
EDUCATION; RESEARCH PROJECTS; GRADE  
7; SOCIOECONOMIC INFLUENCES  
IDENTIFIERS - PITTSBURGH;  
PENNSYLVANIA; \*CAREER EXPLORATION

ABSTRACT - THE RELATIONSHIP BETWEEN PERSONAL AND ENVIRONMENTAL CHARACTERISTICS OF URBAN PRE-ADOLESCENTS AND THEIR CHOICE OF CAREER EXPLORATION COURSES WAS INVESTIGATED IN THIS STUDY FROM 1973-1975. A RANDOM SAMPLE WAS DRAWN FROM A POPULATION CONSISTING OF SEVENTH GRADE STUDENTS ENROLLED IN THE OCCUPATIONAL, VOCATIONAL AND TECHNICAL EXPLORATORY (OVT) PROGRAM IN THE PITTSBURGH SCHOOLS. THE PURPOSE OF THE STUDY WAS TO INVESTIGATE TWENTY SELECTED VARIABLES IN THE SOCIOECONOMIC,

COGNITIVE, AND AFFECTIVE DOMAINS WHICH INFLUENCE SELECTION OF CAREER EXPLORATION COURSES. THE MAJOR CONCLUSION WAS THAT PREADOLESCENTS' CAREER COURSE CHOICES ARE DYNAMIC AND COMPLEX PROCESSES. A VARIETY OF INTERESTS, ABILITIES, VALUES, AND SOCIOECONOMIC FACTORS ARE INVOLVED IN THE DECISIONMAKING PROCESS. FEW OF THE FACTORS CHOSEN AS VARIABLES IN THIS EFFORT WERE CONSISTENT AND STABLE INFLUENCING AGENTS IN COURSE SELECTIONS, SEX AND RACE BEING TWO OF THE THREE MOST FREQUENT AND MOST STABLE INFLUENCING FACTORS. THIS REPORT PRESENTS THE BACKGROUND OF THE STUDY, THE INVESTIGATIVE PROCEDURES AND FINDINGS ALONG WITH A SUMMARY AND CONCLUSIONS. SAMPLES OF INVENTORIES USED IN THE COLLECTION OF DATA ARE APPENDED. (AUTHOR/NJ)

VT 102 357

PENDLETON, J. ROBERT  
IMPLEMENTATION OF A PROGRAM AND DELIVERY SYSTEM FOR COMPREHENSIVE CAREER EDUCATION IN A RURAL AREA. INTERIM REPORT.

WESTERN WISCONSIN TECHNICAL INST.,  
LA CROSSE.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
OEG-0-73-5297  
PUB DATE - 20JUN75 367P.

DESCRIPTORS - \*DEVELOPMENTAL  
PROGRAMS; \*CAREER EDUCATION; \*ADULT  
EDUCATION; CONTINUOUS LEARNING;  
EDUCATIONAL PROGRAMS; PROGRAM  
DEVELOPMENT; PROGRAM EVALUATION;  
\*RURAL SCHOOL SYSTEMS; \*DELIVERY  
SYSTEMS; INSERVICE TEACHER  
EDUCATION; RESOURCE CENTERS;  
COMMUNITY INVOLVEMENT  
IDENTIFIERS - WISCONSIN

ABSTRACT - COVERING THE PERIOD FROM JULY 1, 1974 THROUGH JUNE 30, 1975, THIS INTERIM PROGRESS REPORT DESCRIBES THE SECOND YEAR OF CAREER AND CONTINUING ADULT EDUCATION PROGRAMS IN A RURAL DISTRICT SERVING MORE THAN 186,000 PERSONS OF ALL AGES IN WESTERN WISCONSIN.



DURING THIS PERIOD THE PROJECT STAFF FOCUSED ON DEVELOPING PROGRAMS AND SERVICES TO MEET THE NEEDS OF GRADES K-14 AND OF ADULT EVENING STUDENTS. USE OF THE FIVE RESOURCE CENTERS, WITH TESTING PROGRAMS AND A BROAD SCOPE OF MATERIALS OF ALL KINDS, HAS INCREASED. STAFF INSERVICE PROGRAMS HAVE EXPANDED AND ARTICULATION AMONG VARIOUS LEVELS OF EDUCATION IS CONTINUING. INCLUDED IN THE DOCUMENT IS THE THIRD PARTY EVALUATION REPORT BY THE CENTER FOR VOCATIONAL, TECHNICAL, AND ADULT EDUCATION AT THE UNIVERSITY OF WISCONSIN-STOUT. THE EVALUATORS CONCLUDED THAT THE PROJECT WAS EFFECTIVE IN EXTENDING JOB PREPARATION AND OTHER EDUCATIONAL OPPORTUNITIES, IN ESTABLISHING A CAREER LEARNING SYSTEM, AND IN MAKING AREA RESIDENTS AWARE OF CHANGE. THE APPENDIXES CONTAIN INSERVICE TEACHER EDUCATION MATERIALS, SURVEYS OF PARENTS AND STUDENTS, ADULT EVENING STUDENT SURVEYS, TEACHER QUESTIONNAIRES, AND VARIOUS PUBLICITY MATERIALS. (MF)

#### VT 102 358

CAREER EDUCATION FOR PERSONS IN RURAL AREAS. PRIMARY FOCUS ON ADULTS 16 AND OVER. INTERIM REPORT.

NORTH CENTRAL TECHNICAL INST., WAUSAU, WIS.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

OEG-0-73-5292

PUB DATE - 15JUN75 377P.;  
RELATED DOCUMENT VT 102 359 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*RURAL AREAS; \*ADULT EDUCATION;  
\*DEVELOPMENTAL PROGRAMS; INSERVICE  
TEACHER EDUCATION; RESOURCE  
CENTERS; PROGRAM DESCRIPTIONS;  
\*ECONOMICALLY DISADVANTAGED  
IDENTIFIERS - WISCONSIN

ABSTRACT - COVERING THE TIME PERIOD OF JULY 1974 TO JUNE 1975, THIS INTERIM REPORT DESCRIBES THE

ACTIVITIES OF A PROJECT DESIGNED TO PROVIDE CAREER EDUCATION TO THE ADULT POPULATION OF A LOW INCOME RURAL AREA IN NORTH-CENTRAL WISCONSIN. SPECIAL EMPHASIS WAS FOCUSED ON OUT-OF-SCHOOL PERSONS IN NEED OF ENTRY JOBS OR THOSE NEEDING JOB UPGRADING OR RETRAINING. PROGRAMS INCORPORATING THE CONCEPTS OF SELF-AWARENESS, CAREER AWARENESS, CAREER DEVELOPMENT, AND CAREER EXPLORATION WERE DEVELOPED. ACTIVITIES WERE DESIGNED TO PROVIDE CAREER EDUCATION INFORMATION TO THE PARENTS OF HIGH SCHOOL AGE YOUTH IN THE AREA. THIS INCLUDED CLASSES, SMALL GROUP SESSIONS, COUNSELING, CAREER MATERIAL DISPLAYS, TOURS, AND INFORMATIONAL MEETINGS. IN ADDITION, THE MATERIALS RESOURCE CENTER WAS EXPANDED AND MATERIALS WERE DISSEMINATED ON A LOAN BASIS. INSERVICE WAS CONDUCTED FOR ALL PROJECT PERSONNEL IN THE FORM OF MEETINGS, WORKSHOPS, AND CLASSES. PUBLICITY EFFORTS, THROUGH NEWSPAPERS, NEWSLETTERS, RADIO, AND TELEVISION INCREASED THE PUBLIC AWARENESS OF CAREER EDUCATION. APPENDIXES TO THE REPORT CONTAIN PUBLICITY SAMPLES, SAMPLE PROGRAMS, A BIBLIOGRAPHY, AND OTHER PROJECT-RELATED MATERIALS. (AUTHOR/NJ)

#### VT 102 359

CAREER EDUCATION FOR PERSONS IN RURAL AREAS. PRIMARY FOCUS ON ADULTS 16 AND OVER. THIRD PARTY EVALUATION REPORT.

WISCONSIN UNIV., MADISON. CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

OEG-0-73-5292

PUB DATE - JUN75 64P.; RELATED DOCUMENT VT 102 358 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ADULT EDUCATION; \*RURAL AREAS;  
\*PROGRAM EVALUATION; \*ECONOMICALLY  
DISADVANTAGED; DEVELOPMENTAL  
PROGRAMS  
IDENTIFIERS - WISCONSIN

**ABSTRACT - THIS THIRD PARTY EVALUATION REPORT FOCUSES ON THE SECOND YEAR ACTIVITIES OF A THREE-YEAR EXEMPLARY PROJECT IN CAREER EDUCATION CONDUCTED BY THE NORTH CENTRAL TECHNICAL INSTITUTE (NCTI). THE PROJECT WAS DESIGNED TO PROVIDE CAREER EDUCATION ACTIVITIES TO THE ADULT POPULATION OF AN ECONOMICALLY DEPRESSED RURAL AREA IN NORTH-CENTRAL WISCONSIN. JOB UPGRADING AND RETRAINING, CAREER INFORMATION DISSEMINATION, AND INSERVICE EDUCATION WERE CARRIED OUT THROUGH WORKSHOPS, COUNSELING, CLASSES, GROUP SESSIONS, DISPLAYS, TOURS, AND INFORMATIONAL MEETINGS. INITIALLY, THE REPORT DEALS WITH SUCH AREAS AS COMMUNICATION, ADULTS 16 AND OVER, WOMEN, AGENCIES, NCTI STAFF, AND SCHOOL PARTICIPATION. THE SECOND PART OF THE REPORT IS CONCERNED WITH THE RESULTS OF THE EFFORTS OF THE STAFF IN SELECTED SCHOOLS IN THE NCTI DISTRICT. OVERALL, THE SCHOOL SYSTEMS ACCEPTED THE PROJECT CONSULTANTS AND THE CONCEPT OF CAREER EDUCATION, ALTHOUGH WITH VARYING DEGREES OF EFFECTIVENESS. THIS ACCEPTANCE WAS REGARDED AS AN INDICATION OF THE NEED FOR SUCH SERVICES. IT WAS FOUND THAT THE EFFORTS OF THE PROJECT STAFF WERE OFTEN FRUSTRATED BY THE PERSONAL CHARACTERISTICS OF THE TARGET POPULATION, AS THE STAFF WAS PREVENTED FROM DEALING WITH THEM IN GROUPS SUCH AS CLASSES OR OTHER CAPTIVE SITUATIONS. (NJ)**

**VT 102 360  
SUPERVISED INDEPENDENT STUDY  
PROGRAM. ANNUAL REPORT 1973-74.**

**BUCKS COUNTY PUBLIC SCHOOLS,  
DOYLESTOWN, PA.  
PENNSYLVANIA RESEARCH COORDINATING  
UNIT FOR VOCATIONAL EDUCATION,  
HARRISBURG.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUN74 14P.**

**DESCRIPTORS - \*INDEPENDENT STUDY;  
\*CORRESPONDENCE COURSES;  
\*VOCATIONAL EDUCATION; \*DROPOUTS;  
\*PROGRAM DESCRIPTIONS; PRISONERS;**

**SOCIALLY DISADVANTAGED  
IDENTIFIERS - BUCKS COUNTY;  
PENNSYLVANIA**

**ABSTRACT - THIS ANNUAL REPORT DESCRIBES THE THIRD YEAR ACTIVITIES FOR FISCAL YEAR 1973-74 OF A PROJECT DESIGNED TO PROVIDE EDUCATIONAL OPPORTUNITIES TO THE DISADVANTAGED, UNEMPLOYED, AND UNDEREMPLOYED OF BUCKS COUNTY, PENNSYLVANIA. THE PURPOSE OF THE PROGRAM WAS TO PROVIDE DROPOUTS WITH OPPORTUNITIES TO FULFILL GRADUATION REQUIREMENTS THROUGH VOCATIONAL CORRESPONDENCE COURSES. THROUGH THE PROGRAM, WHICH INCLUDED TESTING AND VOCATIONAL COUNSELING, STUDENTS ACQUIRED VOCATIONAL SKILLS, OBTAINED EMPLOYMENT, AND GAINED ENTRANCE TO VOCATIONAL SCHOOLS AND COLLEGES. IT HAS ALSO HELPED THE SOCIALLY DISADVANTAGED, INCLUDING THE INMATES IN THE BUCKS COUNTY CORRECTIONAL SYSTEM. A NUMERICAL INDICATION OF COMPLETION RATE TOGETHER WITH AN EXPLANATION OF THE PROGRAM IS PROVIDED IN THE REPORT. (NJ)**

**VT 102 361  
A LONGITUDINAL STUDY OF VOCATIONAL DEVELOPMENT AND PROGRAM EVALUATION. IMPLICATIONS FOR CURRICULUM PLANNING AND VOCATIONAL GUIDANCE. FINAL REPORT.**

**PENNSYLVANIA STATE UNIV.,  
UNIVERSITY PARK.  
PENNSYLVANIA STATE DEPT. OF  
EDUCATION, HARRISBURG. BUREAU OF  
VOCATIONAL, TECHNICAL, AND  
CONTINUING EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - AUG74 184P.**

**DESCRIPTORS - \*VOCATIONAL  
EDUCATION; \*LONGITUDINAL STUDIES;  
\*VOCATIONAL DEVELOPMENT; PROGRAM  
EVALUATION; SECONDARY SCHOOL  
STUDENTS; \*RESEARCH REVIEWS  
(PUBLICATIONS); DATA COLLECTION  
IDENTIFIERS - PENNSYLVANIA**

**ABSTRACT - THIS REPORT IS AN  
ACCOUNTING OF ACTIVITIES OF THE  
VOCATIONAL DEVELOPMENT STUDY (VDS)**

PROJECT DURING THE THREE-YEAR FUNDING PERIOD OF JULY 1971 TO JULY 1974. THIS LONGITUDINAL STUDY, PLANNED TO COVER A TEN-YEAR SPAN, WAS BEGUN IN THE FALL OF 1968. THE PROJECT WAS DEVELOPED TO IDENTIFY THE EFFECTS OF THE HIGH SCHOOL EXPERIENCE ON YOUTH IN VOCATIONAL GUIDANCE. THE SAMPLE CONSISTED OF THE TOTAL NINTH GRADE ENROLLMENT IN THREE MEDIUM-SIZED PENNSYLVANIA SCHOOL DISTRICTS--ALTOONA, HAZLETON, AND WILLIAMSPORT. DATA WERE COLLECTED AT SEVERAL STAGES THROUGH STANDARDIZED APTITUDE AND ACHIEVEMENT TESTS AND INVENTORIES OF INTERESTS, VALUES, AND VOCATIONAL DEVELOPMENT. INFORMATION ON FAMILY AND ENVIRONMENTAL BACKGROUND, OCCUPATIONAL AND EDUCATIONAL ASPIRATIONS, AS WELL AS SCHOOL-GENERATED DATA WERE ALSO COLLECTED AND ANALYZED. THIS REPORT PRESENTS THE BACKGROUND OF THE PROJECT AND DESCRIBES PROCEDURES INVOLVED IN SAMPLE SELECTION AND DATA COLLECTION, HANDLING, AND STORAGE. THE VDS PROJECT RESULTED IN 20 PUBLISHED RESEARCH MONOGRAPHS AND NUMEROUS PAPERS AND ARTICLES. COPIES OF THE MONOGRAPHS AND PAPERS AND A LIST OF THE ARTICLES ARE INCLUDED IN THE REPORT. IN ADDITION, A ONE-YEAR GRADUATE FOLLOWUP SURVEY WAS MADE OF THE ALTOONA CLASS. THE COMPLETE QUESTIONNAIRE PACKET IS INCLUDED, ALONG WITH A DESCRIPTIVE REPORT OF ALL RETURN DATA. (NJ)

# VT 102 362

FRICKE, JAMES; JOHNSON, HELEN  
THE USE OF INFRA-SOUND THERAPY WITH DEAF AND HARD-OF-HEARING ADULTS.  
ANNUAL PROGRESS REPORT 1973-1974.

LANCASTER CLEFT PALATE CLINIC, PA.  
PENNSYLVANIA RESEARCH COORDINATING  
UNIT FOR VOCATIONAL EDUCATION,  
HARRISBURG.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 30JUN74 112P.

DESCRIPTORS - \*HEARING THERAPY;  
\*SPEECH HANDICAPPED; \*AURALLY  
HANDICAPPED; \*SPEECH THERAPY;  
AUDIOMETRIC TESTS; ADULT PROGRAMS;

## \*EQUIPMENT EVALUATION; REHABILITATION

ABSTRACT - THIS PROJECT WAS DESIGNED TO ASSESS THE EFFICACY OF THE TECHNIQUES AND EQUIPMENT DEVELOPED BY INFRA-CODE, INC. FOR REHABILITATION OF DEAF AND HARD-OF-HEARING PERSONS. SPECIFICALLY, THE PROJECT AIMED TO IMPROVE THE COMMUNICATION SKILLS OF THE ADULT PARTICIPANTS TO DETERMINE WHETHER UPWARD MOBILITY CAN BE REALIZED THROUGH THERAPEUTIC INTERVENTION OF THIS TYPE. UPON ENTRY INTO THE PROGRAM, EACH PERSON WAS GIVEN A BATTERY OF AUDIOMETRIC TESTS. IN ADDITION, INFORMATION CONCERNING SOCIAL STATUS GOALS AND VOCATIONAL ASPIRATIONS WAS TAKEN. TREATMENT INVOLVED USE OF AN ELECTRONIC INSTRUMENT WHICH TRANSFORMED THE SPOKEN WORD INTO AN ACOUSTIC MUTANT WHICH HAD HIGH INTELLIGIBILITY VALUE FOR SEVERELY HARD-OF-HEARING AND DEAF PERSONS. SUBJECT RE-TEST WAS DONE AFTER 24 THERAPY SESSIONS. ALTHOUGH NOT ENOUGH OF THE PATIENTS HAVE BEEN RETESTED TO ALLOW FOR STATISTICAL ANALYSIS, THE CLINICAL IMPRESSIONS OF THE PROJECT STAFF INDICATE SPEECH IMPROVEMENT IN THE SUBJECTS. APPENDIXES CONTAIN PROJECT CORRESPONDENCE, SAMPLE TESTING INSTRUMENTS, AND PATIENT EVALUATION DATA. (AUTHOR/NJ)

# VT 102 363

THE SEMINAR PRACTICUM. A COMMUNITY BASED INSTRUCTIONAL SYSTEM FOR PARAPROFESSIONAL EDUCATION. FINAL REPORT.

PENNSYLVANIA STATE UNIV.,  
UNIVERSITY PARK. FOOD SERVICE AND  
HOUSING ADMINISTRATION.  
PENNSYLVANIA RESEARCH COORDINATING  
UNIT FOR VOCATIONAL EDUCATION,  
HARRISBURG.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 30JUN74 210P.

DESCRIPTORS - \*DEMONSTRATION  
PROGRAMS; \*FOOD SERVICE  
OCCUPATIONS; \*DIETETICS; \*FIELD  
EXPERIENCE PROGRAMS; \*PRACTICUMS;  
SEMINARS; INDIVIDUALIZED

**INSTRUCTION; PROGRAM EVALUATION**

**ABSTRACT - THE SEMINAR PRACTICUM IS AN INSTRUCTIONAL SYSTEM IN HOSPITALITY EDUCATION, DEVELOPED AND VALIDATED FROM 1971-1974 AT PENNSYLVANIA STATE UNIVERSITY. THE PARTICULAR EMPHASIS WAS ON THE DEVELOPMENT OF A CONTROLLED FIELD EXPERIENCE AS A SUBSTITUTE FOR TRADITIONAL LABORATORY AND CLASSROOM EXPERIENCES. THE INSTRUCTIONAL MODEL THAT EMERGED FROM THE PLANNING IS BASED ON A TRIAD OF LEARNING RESOURCES: A SET OF SELF-INSTRUCTIONAL MODULES, EXPERIENCE IN THE WORK PLACE, AND THE WEEKLY SEMINAR. A PROGRAM FOR DIETARY TECHNICIANS BASED ON THE SAME SEMINAR PRACTICUM INSTRUCTIONAL MODEL ALSO EMERGED FROM THE PROJECT. THIS REPORT PRESENTS A DETAILED VIEW OF THE CONCEPTUALIZATION OF THE SEMINAR PROCESS, DIFFICULTIES, AND MODELS EMPLOYED IN DEVELOPING THE SELF-INSTRUCTIONAL MATERIALS; A REPORT BASED ON A YEAR'S EXPERIENCE IN TEACHING THE SEMINAR PRACTICUM; OBJECTIVE MEASURES OF STUDENT PERFORMANCE; AND FINALLY, A SUMMARY OF VIEWS OF STUDENTS, FACULTY, AND INVOLVED EMPLOYERS OF THE EFFECTIVENESS OF THE SEMINAR PRACTICUM. (AUTHOR/NJ)**

**VT 102 364**

**MAWYER, SUZANNE T.  
FIVE YEAR FOLLOW-UP SURVEY OF ALBEMARLE HIGH SCHOOL GRADUATES. FINAL REPORT.**

**ALBEMARLE COUNTY SCHOOLS, CHARLOTTESVILLE, VA.; VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - 01AUG75 18P,**

**DESCRIPTORS - \*VOCATIONAL FOLLOWUP; \*GRADUATE SURVEYS; \*RELEVANCE (EDUCATION); STUDENT RECORDS; HIGH SCHOOL GRADUATES; GENERAL EDUCATION; VOCATIONAL EDUCATION IDENTIFIERS - VIRGINIA; ALBEMARLE COUNTY**

**ABSTRACT - A FIVE-YEAR FOLLOWUP SURVEY OF 1969 ALBEMARLE COUNTY HIGH SCHOOL GRADUATES WAS MADE FROM JULY 1, 1974 TO JULY 1, 1975. DATA COLLECTED REGARDING PRESENT JOB STATUS, COLLEGE ATTENDANCE, AND HIGH SCHOOL TRAINING WERE COMPARED WITH HIGH SCHOOL ABILITY LEVEL TO GAUGE THE RELEVANCE AND EFFECTIVENESS OF HIGH SCHOOL VOCATIONAL EDUCATION PROGRAMS. SURVEY RESULTS SHOWED THAT THE PERCENTAGE OF ALL 1969 GRADUATES NOW IN THE WORK FORCE IS HIGH. ALTHOUGH A RELATIVELY HIGH PERCENTAGE OF GENERAL EDUCATION GRADUATES ATTENDED COLLEGE, ONLY HALF FINISHED. MORE THAN HALF OF THE GRADUATES HAD NO HIGH SCHOOL VOCATIONAL TRAINING AT ALL AND THE PERCENTAGE OF THOSE WITH TRAINING FOR THEIR PRESENT JOB IS LOW. THE FIGURES ALSO INDICATE THAT THE GENERAL LEVEL STUDENT WOULD BENEFIT MOST FROM VOCATIONAL PROGRAMS, ALTHOUGH ACADEMIC STUDENTS SHOULD NOT BE DISCOURAGED FROM ENROLLING. ACADEMIC STUDENTS DESIRING TO ENTER MANAGEMENT AREAS SHOULD, HOWEVER, BE ENCOURAGED TO ENROLL IN VOCATIONAL PROGRAMS. (KJ)**

**VT 102 365**

**CURRY, CHARLES  
A COMPILATION, PREPARATION AND DISTRIBUTION OF INSTRUCTIONAL MATERIALS THAT EMPHASIZE POSITIVE WORK ETHICS. FINAL REPORT.**

**VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF AGRICULTURAL EDUCATION. VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3. PUB DATE - JUN75 15P.; RELATED DOCUMENT VT 102 366 IN THIS ISSUE.**

**DESCRIPTORS - \*INSTRUCTIONAL MATERIALS; \*WORK ATTITUDES; ETHICAL VALUES; NATIONAL SURVEYS; \*MEDIA SELECTION**

**ABSTRACT - A SURVEY WAS CONDUCTED AMONG 343 CHAIRMEN OF COLLEGE**



VOCATIONAL TEACHER EDUCATION DEPARTMENTS, PERSONS RESPONSIBLE FOR CURRICULUM DEVELOPMENT CENTERS, RESEARCH UNIT COORDINATORS, REPRESENTATIVES OF THE NATIONAL NETWORK FOR CURRICULUM COORDINATION IN VOCATIONAL EDUCATION, STATE SCHOOL SUPERINTENDENTS, AND STATE VOCATIONAL EDUCATION DIRECTORS TO SELECT MEDIA AND GATHER INSTRUCTIONAL MATERIALS THAT STRESSED POSITIVE WORK ATTITUDES AND ETHICAL VALUES. MATERIALS FOCUSING ON PRIDE IN GOOD WORKMANSHIP, JOB ATTAINMENT AND HOLDING POWER, OCCUPATIONAL DECISIONMAKING, AND POTENTIAL JOB SATISFACTION WERE COMPILED AND ISSUED AS A SEPARATE ANNOTATED BIBLIOGRAPHY, VT 102 366 IN THIS ISSUE, TO ASSIST IN TEACHING POSITIVE WORK ATTITUDES MORE EFFECTIVELY. CONTACT LETTERS, SURVEY INSTRUMENT, AND BIBLIOGRAPHY FORM ARE APPENDED. (KJ)

#### VT 102 366

CURRY, CHARLES  
AN ANNOTATED BIBLIOGRAPHY OF INSTRUCTIONAL MATERIALS WHICH EMPHASIZE WORK ETHICS.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF AGRICULTURAL EDUCATION.  
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUN75 122P.; RELATED DOCUMENT VT 102 365 IN THIS ISSUE.

DESCRIPTORS - \*ANNOTATED BIBLIOGRAPHIES; \*WORK ATTITUDES; \*MEDIA SELECTION; \*INSTRUCTIONAL MATERIALS; ETHICAL VALUES

ABSTRACT - ANNOTATED BIBLIOGRAPHY ISSUED AS THE RESULT OF A MEDIA SELECTION SURVEY, VT 102 365 IN THIS ISSUE. THE PROJECT WAS DESIGNED TO COMPILE, EVALUATE, AND ORGANIZE TITLES AND SOURCES OF INSTRUCTIONAL MATERIALS DEALING WITH SUBJECTS RELATED TO POSITIVE WORK ATTITUDES. SUBJECT MATERIAL

INCLUDES PRIDE IN GOOD WORKMANSHIP, GETTING AND HOLDING A JOB, ETHICAL CONDUCT, REASONS FOR WORKING, REALISTIC SELF-IMAGE, JOB SATISFACTION, OCCUPATIONAL CHOICE, AND CAREER ADVANCEMENT. TYPES OF MATERIAL AVAILABLE ARE BOOKS, FILMS, SLIDES AND FILM STRIPS, AND RECORDS. THE INTENDED AUDIENCE RANGE INCLUDES PRE-K THROUGH ADULTS, HANDICAPPED AND NONHANDICAPPED, DISADVANTAGED, TEACHERS, TEACHER EDUCATORS, GUIDANCE PERSONNEL, ADMINISTRATORS, AND STATE PERSONNEL. (KJ)

#### VT 102 367

LEE, JASPER S.  
INSTRUCTIONAL MATERIALS DEVELOPMENT IN AGRICULTURAL EDUCATION AT VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.  
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. AGRICULTURAL EDUCATION SERVICE.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 75 30P.

DESCRIPTORS - \*MATERIAL DEVELOPMENT; \*VOCATIONAL AGRICULTURE TEACHERS; INSTRUCTIONAL MATERIALS; \*VOCATIONAL AGRICULTURE; HIGH SCHOOL CURRICULUM; COLLEGE FACULTY; TEACHER ROLE; TEACHER DEVELOPED MATERIALS  
IDENTIFIERS - VIRGINIA

ABSTRACT - INSTRUCTIONAL MATERIALS DEVELOPED BY THE FACULTY OF THE AGRICULTURAL EDUCATION PROGRAM AREA AT VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY HAVE BEEN WIDELY USED AND HAVE HAD AN IMPACT ON THE DEVELOPMENT OF HIGH SCHOOL AGRICULTURAL EDUCATION PROGRAMS IN VIRGINIA. THIS DOCUMENT WAS PREPARED TO INFORM THE USERS OF THE INSTRUCTIONAL MATERIALS (PRIMARILY AGRICULTURAL TEACHERS IN VIRGINIA) OF THE RATIONALE BEHIND THE MATERIALS AND THE PROCEDURES FOLLOWED IN SUCH DEVELOPMENT OF MATERIALS, PAST DEVELOPMENTAL

EFFORTS, AND ALTERNATIVES FOR EXPANDING THE DEVELOPMENTAL FUNCTION OF THE FACULTY IN THE AGRICULTURAL EDUCATION PROGRAM AREA. THE EIGHT-STEP PROCESS EMPLOYED IN MATERIALS DEVELOPMENT IS DESCRIBED. THIS INCLUDES DETERMINATION OF MATERIALS NEEDED, PRELIMINARY PLANNING, INFORMATION ACQUISITION AND ANALYSIS, FIRST DRAFT PREPARATION, REFINEMENT AND FIELD TESTING, PRINTING, DISTRIBUTION-DIFFUSION, AND APPRAISAL AND UPDATING. A LISTING OF RECENT INSTRUCTIONAL MATERIALS DEVELOPMENT ACTIVITIES IS APPENDED. (AUTHOR/KJ)

VT 102 368

GRAY, KENNEY E., ED.; PETRIE, WILLIAM J., ED.

IN-SERVICE VOCATIONAL EDUCATION PERSONNEL DEVELOPMENT FOR THE 1980'S. ANNUAL NATIONAL VOCATIONAL EDUCATION PERSONNEL DEVELOPMENT SEMINAR (8TH, OCTOBER 28, 29, 30, AND 31, 1974). LEADERSHIP TRAINING SERIES NO. 43.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #LT43, \$10.00 EA.)

PUB DATE - JAN75 174P.

DESCRIPTORS - LEADERSHIP TRAINING; \*VOCATIONAL EDUCATION; \*SEMINARS; \*INSERVICE PROGRAMS; \*INSERVICE TEACHER EDUCATION

ABSTRACT - TWO HUNDRED FORTY-FIVE EDUCATIONAL LEADERS FROM 39 STATES, TWO TERRITORIES, AND NINE PROVINCES OF CANADA PARTICIPATED IN THIS SEMINAR IN MADISON, WISCONSIN. INSERVICE VOCATIONAL EDUCATION PERSONNEL DEVELOPMENT WAS THE GENERAL THEME OF THE SEMINAR, WHICH FOCUSED ON BOTH PEDAGOGICAL AND TECHNICAL ASPECTS OF INSERVICE EDUCATION. THE TWO KEYNOTE SPEAKERS

ADDRESSED PHILOSOPHICAL BASES, ISSUES FOR INSERVICE EDUCATION AND CHANGES OCCURRING IN SCHOOLS. THREE PRESENTATIONS FOCUSED ON INSERVICE EDUCATION FOR THE 1980'S, RESPONSIBILITY AND ACCOUNTABILITY, AND INDUSTRY, BUSINESS, AND EDUCATION COOPERATION. SIX PRESENTATIONS WERE GIVEN ON COMPETENCY/PERFORMANCE-BASED PERSONNEL DEVELOPMENT AND ONE ON EVALUATION OF PERSONNEL DEVELOPMENT PROGRAMS. ONE PRESENTATION WAS GIVEN ON STRATEGIES OF PERSONNEL DEVELOPMENT IN CANADA. ALL OF THESE PRESENTATIONS ARE INCLUDED IN THIS PUBLICATION. BRIEF SUMMARY REPORTS FROM GROUP DISCUSSIONS FOCUSED ON THESE AND OTHER TOPICAL AREAS ARE ALSO INCLUDED. (AUTHOR)

VT 102 369

KOBLE, DANIEL E., COMP.; BUMSTEAD, JAMES G., COMP.

IMPROVING VOCATIONAL CURRICULA IN LOCAL EDUCATION AGENCIES. ANNUAL LEADERSHIP DEVELOPMENT SEMINAR FOR STATE DIRECTORS OF VOCATIONAL EDUCATION (7TH, SEPTEMBER 24, 25, AND 26, 1974).

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #LT42, \$10.00 EA.)

PUB DATE - MAR75 176P.

DESCRIPTORS - \*SEMINARS; LEADERSHIP TRAINING; VOCATIONAL EDUCATION; \*VOCATIONAL DIRECTORS; STATE DEPARTMENTS OF EDUCATION; \*CURRICULUM PROBLEMS; \*STAFF IMPROVEMENT; CONFERENCE REPORTS

ABSTRACT - THE 1974 SEMINAR FOR STATE DIRECTORS OF VOCATIONAL EDUCATION FOCUSED ON THE IMPROVEMENT OF VOCATIONAL CURRICULUM AT THE LOCAL EDUCATION AGENCY LEVEL. ONE HUNDRED FIFTEEN PERSONS, REPRESENTING FORTY-THREE

STATE VOCATIONAL UNITS, ONE TERRITORY, AND WASHINGTON, D.C. ATTENDED THE SEMINAR. SPECIAL EMPHASIS WAS GIVEN TO PROCESSES AND INNOVATIVE CONCEPTS RELATING TO PROFESSIONAL DEVELOPMENT AND SELF-IMPROVEMENT OF STATE DIRECTORS OF VOCATIONAL EDUCATION AND KEY MEMBERS OF THEIR STAFFS IN THE AREAS OF CURRICULUM ACTIVITIES. GUIDELINES AND INFORMATION PAPERS WERE PRESENTED TO EXPLAIN AND DEFINE METHODS THAT CAN BE UTILIZED BY STATE VOCATIONAL EDUCATION PERSONNEL IN DISCHARGING RESPONSIBILITIES IN THE FIELD OF CURRICULUM IMPROVEMENT. THE SEMINAR WAS DESIGNED TO INCREASE THE KNOWLEDGE AND AWARENESS OF PARTICIPANTS REGARDING CURRICULUM IMPROVEMENT IN THE FOLLOWING AREAS: PERSONS WITH SPECIAL NEEDS, DISSEMINATION AND IMPLEMENTATION PROCESSES, MANAGEMENT INFORMATION SYSTEMS, AND CAREER EDUCATION ACTIVITIES. CONTRIBUTIONS OF NATIONALLY RECOGNIZED AUTHORITIES AND THE PRACTICAL SOLUTIONS TO CURRICULUM PROBLEMS FORMULATED BY PARTICIPANTS AND PRESENTERS ARE REFLECTED IN THE CONFERENCE REPORT. (AUTHOR)

## VT 102 370

OCCUPATIONAL PREPARATION FOR THE HANDICAPPED: OCCUPATIONAL ADJUSTMENT TRAINING. OCCUPATIONAL EDUCATION RESEARCH PROJECT FINAL REPORT.

WILKES COUNTY BOARD OF EDUCATION, WILKESBORO, N.C.

NORTH CAROLINA STATE DEPT. OF PUBLIC INSTRUCTION, RALEIGH.

OCCUPATIONAL RESEARCH UNIT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

PUB DATE - JUN75 166P.

DESCRIPTORS - \*EDUCABLE MENTALLY HANDICAPPED; \*DEMONSTRATION PROJECTS; ELEMENTARY SCHOOL STUDENTS; SECONDARY SCHOOL STUDENTS; VOCATIONAL ADJUSTMENT; JOB PLACEMENT; JOB TRAINING; INTEGRATED CURRICULUM; \*PREVOCATIONAL EDUCATION; SPECIAL EDUCATION; \*TRAINABLE MENTALLY

## HANDICAPPED

ABSTRACT - FROM 1973-1975, THE SCHOOL SYSTEMS OF NORTH WILKESBORO AND WILKES COUNTY, NORTH CAROLINA ENGAGED IN A MUTUAL VENTURE TO ADJUST THE FOCUS OF SPECIAL EDUCATIONAL SERVICES FROM ONE OF ACADEMIC ORIENTATION TO ONE OF ACADEMIC AND OCCUPATIONAL PREPARATION. THE SPECIAL EDUCATIONAL SERVICES PROVIDED TO MENTALLY RETARDED PUPILS IN SEVEN ELEMENTARY SCHOOLS AND ONE HIGH SCHOOL WERE CHANGED IN FORMAT TO INCLUDE OCCUPATIONAL PREPARATION. THE VEHICLE OF OCCUPATIONAL EDUCATION WAS USED TO TEACH ESSENTIAL ACADEMICS, BROADEN AWARENESS AND INVOLVEMENT IN COMMUNITY ENTERPRISE, DEVELOP INTEREST AND SELECTION OF EMPLOYMENT OPPORTUNITIES, AND INTRODUCE OCCUPATIONAL PROFICIENCIES AND REQUIREMENTS. THE PURPOSE OF THE PROJECT WAS TO DEMONSTRATE THE IMPLEMENTATION AND CONTINUATION OF AN OCCUPATIONAL-ACADEMIC PUBLIC SCHOOL PROGRAM AND TO DESCRIBE THE BENEFIT TO MENTALLY RETARDED STUDENTS IN TERMS OF LIFE-WORK PREPAREDNESS. THE SUCCESS OR FAILURE OF THE PROJECT OBJECTIVES WAS BASED UPON: PUPIL ATTITUDES AND ACHIEVEMENT, DESCRIPTION OF POPULATION, TEACHERS' OPINIONS AND EVALUATION, PRINCIPALS' EVALUATION, PUPIL EMPLOYMENT, GRADUATES AND DROP-OUTS, COMMUNITY PARTICIPATION, TRAINABLE MENTALLY RETARDED, AND A STUDY OF COSTS. APPENDIXES INCLUDE A REVIEW OF RESEARCH AND LITERATURE, PROGRAM OUTLINES, COMPETENCY ASSESSMENT RECORDS, PUPIL ATTITUDE TEST, TEACHER OPINIONNAIRE, AND RELATED INVESTIGATION. (AUTHOR/NJ)

## VT 102 371

INNOVATIVE PROGRAM FOR ACHIEVING THE GOALS OF EDUCATION IN HUMAN RELATIONS AND OCCUPATIONAL COMPETENCIES (GRADES 7-12). FINAL REPORT. AUGUST 15, 1974 - JUNE 30, 1975.

DAVIESS COUNTY SCHOOL SYSTEM, OWENSBORO, KY.; OWENSBORO



INDEPENDENT SCHOOLS, KY.  
KENTUCKY STATE DEPT. OF EDUCATION,  
FRANKFORT. BUREAU OF VOCATIONAL  
EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 30JUN75 201P.

DESCRIPTORS - \*DEVELOPMENTAL  
PROGRAMS; \*HUMAN RELATIONS; \*CAREER  
EDUCATION; \*TEACHING GUIDES;  
WORKBOOKS; SECONDARY GRADES; MIDDLE  
SCHOOLS; SELF CONCEPT; WORK  
EXPERIENCE PROGRAMS; PROGRAM  
DESCRIPTIONS; \*LEARNING ACTIVITIES;  
SIMULATION  
IDENTIFIERS - CAREER EXPLORATION

ABSTRACT - DURING THE 1974-75  
SCHOOL YEAR, THE OWENSBORO-DAVIESS  
COUNTY MIDDLE AND HIGH SCHOOLS  
ENGAGED IN DEVELOPING AN EXEMPLARY  
PROGRAM IN HUMAN RELATIONSHIPS AND  
OCCUPATIONAL COMPETENCIES. THE  
PURPOSE OF THE PROGRAM WAS TO  
PROVIDE CLASSROOM INSTRUCTION AND  
EXPLORATION-PLACEMENT ACTIVITIES  
THAT WOULD ENABLE THE STUDENT TO  
GAIN KNOWLEDGE ABOUT HIMSELF IN  
RELATIONSHIP TO HIS PERSONAL WORTH,  
RELATIONSHIP TO OTHERS, HIS  
ATTITUDES, INTERESTES,  
CAPABILITIES, AND TO USE THIS SELF-  
KNOWLEDGE IN MAKING OCCUPATIONAL  
DECISIONS. THE PROGRAM INVOLVED  
SIMULATED ACTIVITIES, WORK  
EXPERIENCES, CLASSROOM INSTRUCTION  
IN JOB ACQUISITION SKILLS, AND  
CLASSROOM EXPERIENCES IN CLARIFYING  
VALUES, IDENTIFYING INTERESTS AND  
ABILITIES, AND IN DEVELOPING GOAL-  
SETTING AND DECISIONMAKING SKILLS.  
A TEACHING RESOURCE GUIDE AND  
STUDENT HANDBOOK ARE APPENDED TO  
THE PROJECT REPORT. THE TEACHING  
GUIDE IS A COMPILATION OF LEARNING  
ACTIVITIES ENGAGED IN DURING THE  
PROJECT YEAR. THE MATERIALS WERE  
SELECTED AND DEVELOPED BY THE  
TEACHERS TO MEET THE STUDENTS'  
NEEDS IN OCCUPATIONAL COMPETENCIES  
THROUGH EXPLORATION EXPERIENCES  
BOTH WITHIN THE SCHOOLS AND WITHIN  
THE COMMUNITY. (AUTHOR/NJ)

VT 102 372

SUGGESTED MASTER PLAN FOR  
INDUSTRIAL ARTS PROGRAMS IN NORTH

DAKOTA SCHOOLS. FINAL REPORT.

NORTH DAKOTA UNIV., GRAND FORKS.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.; NORTH DAKOTA  
STATE BOARD FOR VOCATIONAL  
EDUCATION, BISMARCK. RESEARCH  
COORDINATING UNIT.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUL75 32P.

DESCRIPTORS - \*STATE PROGRAMS;  
\*INDUSTRIAL ARTS; TRADE AND  
INDUSTRIAL EDUCATION; \*PROGRAM  
GUIDES; \*CURRICULUM DEVELOPMENT;  
MASTER PLANS; ELEMENTARY SECONDARY  
EDUCATION; FACILITY PLANNING;  
CURRICULUM PLANNING; TEACHER  
QUALIFICATIONS  
IDENTIFIERS - NORTH DAKOTA

ABSTRACT - THIS THREE-YEAR PLAN  
INCLUDES DEVELOPMENT OF A STATE  
INDUSTRIAL ARTS GUIDE, DEVELOPMENT  
OF INSTRUCTIONAL MATERIALS COMMON  
TO ALL EXISTING PROGRAMS, AND  
INSERVICE TEACHER EDUCATION FOR  
PROGRAM IMPLEMENTATION. TO DATE  
ONLY THE FIRST PHASE HAS BEEN  
COMPLETED, WITH TOTAL PROJECT  
COMPLETION SCHEDULED FOR THE NEXT  
THREE YEARS. MASTER PLAN COMMITTEE  
MEMBERS, SECONDARY SCHOOL  
INDUSTRIAL ARTS INSTRUCTORS AND  
STATE EDUCATION REPRESENTATIVES,  
ATTENDED A SERIES OF LEADERSHIP  
DEVELOPMENT WORKSHOPS. THIS  
COMMITTEE WAS RESPONSIBLE FOR  
ESTABLISHING PRIORITIES, SOLICITING  
INDUSTRIAL ARTS INPUT ON A  
STATEWIDE BASIS, EVALUATING  
MATERIALS, AND RECOMMENDING  
GUIDELINES. THE MAJOR TOPICS OF THE  
GUIDE DEVELOPED FOR INDUSTRIAL ARTS  
EDUCATION IN NORTH DAKOTA INCLUDE:  
PHILOSOPHY AND GOALS, CURRICULUM  
STRUCTURE AND CONTENT BASE,  
INDUSTRIAL ARTS PHYSICAL  
FACILITIES, TEACHER QUALIFICATIONS,  
CRITERIA FOR REIMBURSEMENT OF  
INDUSTRIAL ARTS PROGRAMS, AND  
OPERATIONAL GUIDELINES. THE GUIDE  
WILL BE USED AS THE FRAMEWORK FOR  
DEVELOPMENT OF INSTRUCTIONAL  
MATERIALS IN THE SECOND PHASE. (KJ)

VT 102 373



NEW YORK STATE RESEARCH  
COORDINATING UNIT SEMI-ANNUAL  
TECHNICAL PROGRESS REPORT.

NEW YORK STATE EDUCATION DEPT.,  
ALBANY. NEW YORK RESEARCH  
COORDINATING UNIT.

NEW YORK STATE EDUCATION DEPT.,  
ALBANY. BUREAU OF OCCUPATIONAL  
EDUCATION RESEARCH.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

PUB DATE - JUN75 6P.

DESCRIPTORS - \*TECHNICAL REPORTS;  
\*RESEARCH COORDINATING UNITS;  
\*ANNUAL REPORTS

ABSTRACT - THIS REPORT ENUMERATES  
THE PROGRESS AND ACTIVITIES OF THE  
NEW YORK STATE RESEARCH  
COORDINATING UNIT FOR THE PERIOD  
BEGINNING JANUARY 1, 1975 AND  
ENDING JUNE 30, 1975. IT INCLUDES A  
LIST OF CONSULTATIVE SERVICES,  
CONFERENCE ATTENDANCE, INTERNAL  
PROJECTS, AVAILABLE FINAL REPORTS,  
AND PLANNED ACTIVITIES. (AUTHOR/NJ)

VT 102 374

GOLDBERG, ROBERT  
VEMIS BACKUP FACILITY AND TRANSFER  
OF FUNCTIONS: PHASE I, PILOT  
IMPLEMENTATION. FINAL REPORT.

PENNSYLVANIA STATE DEPT. OF  
EDUCATION, HARRISBURG. BUREAU OF  
INFORMATION SYSTEMS.

PENNSYLVANIA STATE DEPT. OF  
EDUCATION, HARRISBURG. BUREAU OF  
VOCATIONAL, TECHNICAL, AND  
CONTINUING EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

PUB DATE - JAN75 15P.

DESCRIPTORS - \*MANAGEMENT  
INFORMATION SYSTEMS; VOCATIONAL  
EDUCATION; \*DOCUMENTATION; SYSTEMS  
DEVELOPMENT; COMPUTER SCIENCE;  
\*STATE DEPARTMENTS OF EDUCATION;  
REPORTS; \*MANPOWER DEVELOPMENT;  
MANPOWER NEEDS  
IDENTIFIERS - PENNSYLVANIA

ABSTRACT - THE PENNSYLVANIA STATE  
DEPARTMENT OF EDUCATION DEVELOPED  
AN AUTOMATED SYSTEM IN 1970 TO

FACILITATE MEETING REPORT  
REQUIREMENTS TO THE UNITED STATES  
OFFICE OF EDUCATION. THIS SYSTEM  
PROVIDES FOR COMPUTER PROCESSING OF  
SUCH INFORMATION AS LABOR MARKET  
NEEDS IN PLANNING VOCATIONAL  
PROGRAMS, STANDARDS FOR THESE  
PROGRAMS, GRADUATE FOLLOWUP,  
DEMOGRAPHIC PROFILES OF PUPILS AND  
TEACHERS, AND UTILIZATION OF  
FACILITIES. THE STARTING POINT OF  
THE SYSTEM, THE MANPOWER CONVERSION  
EQUATION, INDICATES UNDERDEVELOPED  
MANPOWER RESOURCES AS INPUT INTO  
EMPLOYMENT POLICIES, MANPOWER  
REQUIREMENTS, LABOR SUPPLY, AND  
MANPOWER DEVELOPMENT SOURCES. THE  
SYSTEM OPERATION CALLS FOR MEETING  
THE INFORMATION NEEDS OF VARIOUS  
MANAGEMENT FUNCTIONS CONCERNING THE  
VOCATIONAL EDUCATION PROCESS AND  
ITS PRODUCTS. THE SYSTEM PROGRAMS  
AND PROCEDURES DISCUSSED IN THIS  
DOCUMENT WERE ESTABLISHED AS A  
BACKUP FACILITY FOR THE  
PENNSYLVANIA STATE DEPARTMENT OF  
EDUCATION'S PRESENT OUTSIDE  
CONTRACTOR. (AUTHOR/MF)

VT 102 375

ROSEN, HOWARD  
RECENT MANPOWER LEGISLATION AND  
PROGRAMS: IMPLICATIONS FOR RESEARCH  
AND DEVELOPMENT. OCCASIONAL PAPER  
SERIES NO. 7.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#OC7, \$1.00 EA.)

PUB DATE - 75 16P.

DESCRIPTORS - \*LEGISLATION;  
\*MANPOWER DEVELOPMENT; \*RESEARCH  
NEEDS; LECTURE

ABSTRACT - DR. HOWARD ROSEN,  
DIRECTOR OF THE OFFICE OF MANPOWER  
RESEARCH AND DEVELOPMENT, MANPOWER  
ADMINISTRATION, PRESENTS IN THIS  
LECTURE A DISCUSSION OF THE  
IMPLICATIONS FOR RESEARCH AND  
DEVELOPMENT WHICH HAVE EVOLVED FROM  
RECENT MANPOWER LEGISLATION AND

PROGRAMS. HE REVIEWS THE ECONOMIC SITUATIONS WHICH LED TO THE PASSAGE OF THE MANPOWER DEVELOPMENT AND TRAINING ACT OF 1962 AND THE COMPREHENSIVE EMPLOYMENT AND TRAINING ACT OF 1973. IT IS HIS SUGGESTION THAT IN THIS CURRENT PERIOD OF ECONOMIC DOWNTURN THE EMPHASIS SHOULD BE ON DEVELOPING OUR HUMAN RESOURCES AND IMPROVING THE SKILL LEVEL OF WORKERS FOR THE TIME WHEN EMPLOYMENT WILL RISE. (NJ)

#### VT 102 376

DOUTHIT, DOROTHY B.; LUNG, JULINA  
SAMOAN DEMONSTRATION PROGRAM. FINAL REPORT FOR FY 74-75. VOLUME I.

HAWAII UNIV., HONOLULU. HONOLULU COMMUNITY COLL.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

OEG-9-73-0091

PUB DATE - 75 61P.; RELATED DOCUMENT VT 102 377 IN THIS ISSUE.

DESCRIPTORS - \*ADULT BASIC EDUCATION; \*SAMOAN; \*INSTRUCTIONAL INNOVATION; AUTO MECHANICS; SEWING INSTRUCTION; CULTURALLY DISADVANTAGED; DEMONSTRATION PROGRAMS; \*PEER TEACHING; \*READING SKILLS  
IDENTIFIERS - OAHU; HAWAII

ABSTRACT - THIS REPORT IS THE FIRST OF TWO VOLUMES DOCUMENTING THE EFFORTS OF THE THIRD YEAR (1974-75) OF THE SAMOAN DEMONSTRATION PROGRAM. VOLUME II OF THE REPORT IS VT 102 377 IN THIS ISSUE.

OBJECTIVES FOR THE THIRD YEAR INCLUDED: PROVIDING BASIC EDUCATION THROUGH A VOCATIONAL INTEREST AREA TO 75 SAMOAN ADULTS; DEMONSTRATING INNOVATIVE CURRICULUM DEVELOPMENT, IN PARTICULAR PEER INSTRUCTION; AND DISSEMINATING PROJECT INFORMATION AND MATERIALS TO OTHER AREAS AND AGENCIES SERVING SAMOANS. OVER 100 PARTICIPANTS RECEIVED TRAINING IN BASIC EDUCATION, AUTO MECHANICS, AND SEWING. SEVEN INSTRUCTIONAL UNITS WERE DEVELOPED AND USED WITH THE PROGRAM. BASIC EDUCATION UNITS EMPHASIZED READING SKILLS WHILE

VOCATIONAL UNITS FACILITATED THE IMPLEMENTATION OF PEER TEACHING. THE TEST OF ADULT BASIC EDUCATION (TABE), READING SECTION, WAS THE PRINCIPAL EVALUATION DEVICE. PRETESTS AND POSTTESTS WERE ALSO USED, BUT RESULTS WERE NOT STATISTICALLY SIGNIFICANT. TABE RESULTS INDICATED SIGNIFICANT GAINS AT TWO OF THE THREE SITES AND THERE WERE DEFINITE GRADE GAINS AT ALL SITES. APPENDED ARE DESCRIPTIONS OF INSTRUCTIONAL MATERIALS; LISTS OF CONTACT AGENCIES; NARRATIVE, REPORT, AND SCRIPT FOR DEMONSTRATION TOUR; AND DESCRIPTION OF TABE. (AUTHOR/KJ)

#### VT 102 377

SAMOAN DEMONSTRATION PROGRAM. FINAL REPORT FOR FY 74-75. VOLUME II.

MANPOWER TRAINING CONSULTANTS, INC., SEAL BEACH, CALIF. HAWAII UNIV., HONOLULU. HONOLULU COMMUNITY COLL.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.

OEG-9-73-0091

PUB DATE - 75 88P.; RELATED DOCUMENT VT 102 376 IN THIS ISSUE.

DESCRIPTORS - \*INSTRUCTIONAL MATERIALS; CULTURALLY DISADVANTAGED; \*SAMOAN; ENGLISH (SECOND LANGUAGE); \*COMMUNICATION SKILLS; \*INSTRUCTIONAL INNOVATION; DEMONSTRATION PROGRAMS; \*ADULT BASIC EDUCATION; SEWING INSTRUCTION  
IDENTIFIERS - OAHU; HAWAII

ABSTRACT - THIS REPORT IS THE SECOND OF TWO VOLUMES DOCUMENTING THE EFFORTS OF THE THIRD YEAR (1974-75) OF THE SAMOAN DEMONSTRATION PROGRAM. VOLUME I OF THE REPORT IS VT 102 376 IN THIS ISSUE. THESE SAMPLE INSTRUCTIONAL MATERIALS WERE DESIGNED FOR SAMOAN-SPEAKING ADULTS WHO WISH TO IMPROVE THEIR BASIC ENGLISH COMMUNICATION SKILLS. USING THE HIGH INTEREST AREA OF SEWING AS A SOURCE OF CONTENT, THE LESSONS PROVIDE THE STUDENTS WITH VOCABULARY DEVELOPMENT, SPELLING, READING, AND WRITING EXERCISES. THE PACE OF THE

LESSONS AND EXERCISES HAS BEEN DESIGNED WITH THE CULTURALLY DISADVANTAGED IN MIND. MATERIALS INCLUDE 10 SETS OF VOCABULARY DEVELOPMENT, READING, SPELLING, AND WRITING LESSONS WITH PRACTICE EXERCISES; STUDENT INFORMATION SHEET; INSTRUCTOR INFORMATION SHEET; AND PRETESTS AND POSTTESTS. THE INSTRUCTOR-CORRECTED WORKSHEETS MAY SERVE AS AN EVALUATION DEVICE. (KJ)

# VT 102 378

THE OREGON VO-TECH MATH PROJECT.  
FINAL REPORT.

LINN-BENTON COMMUNITY COLL.,  
ALBANY, OREG.  
OREGON STATE DEPT. OF EDUCATION,  
SALEM. DIV. OF COMMUNITY COLLEGES  
AND CAREER EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 13JUN75 69P.

DESCRIPTORS - DEVELOPMENTAL  
PROGRAMS; COMMUNITY COLLEGES;  
SECONDARY SCHOOLS; \*MATHEMATICS  
INSTRUCTION; \*VOCATIONAL EDUCATION;  
PROGRAM DESCRIPTIONS; PROGRAM  
EVALUATION  
IDENTIFIERS - OREGON

ABSTRACT - COVERING THE TIME PERIOD  
OF JANUARY 1974 TO JUNE 1975, THIS  
REPORT DESCRIBES THE ACTIVITIES OF  
AN ONGOING PROJECT TO PROVIDE  
VERBAL PROBLEM SETS FOR  
OCCUPATIONAL MATH COURSES OFFERED  
IN OREGON COMMUNITY COLLEGES AND  
SECONDARY SCHOOLS. THE PROBLEMS  
WERE SELECTED TO PROVIDE THE MATH  
SKILLS NECESSARY FOR JOB ENTRY AND  
PERFORMANCE IN SEVERAL VOCATIONAL-  
TECHNICAL OCCUPATIONS. AN  
INDIVIDUALIZED FORMAT PERMITS  
STUDENTS TO WORK PROBLEMS IN  
VARIOUS CAREER AREAS AND ALLEVIATES  
MATERIAL DUPLICATION BY INDIVIDUAL  
INSTRUCTORS. AN EVALUATION OF A  
SMALL SUBSET OF PROBLEM SETS WAS  
CARRIED OUT IN 12 MODEL SECONDARY  
SCHOOLS AND SEVEN COMMUNITY  
COLLEGES. IN ADDITION TO COMPILING,  
PRINTING, AND DISSEMINATING THE  
PROBLEM SETS, THE PROJECT ALSO  
DEVELOPED A PROCEEDINGS BOOKLET

ILLUSTRATING SOME OF THE USES OF  
THE PROBLEM SETS. THE BOOKLET IS  
APPENDED TO THE REPORT ALONG WITH  
THE THIRD PARTY EVALUATION AND  
OTHER PROJECT-RELATED MATERIALS.  
(NJ)

# VT 102 379

BROUS, SUSAN D.  
AN APPROACH TO CHANGING TEACHER  
ATTITUDES AND UPDATING TEACHER  
INFORMATION ABOUT CAREER EDUCATION:  
A RESEARCH PROJECT IN PROCEDURES.  
FINAL REPORT.

GRANTS PASS SCHOOL DISTRICT 7,  
OREG.  
OREGON STATE DEPT. OF EDUCATION,  
SALEM. DIV. OF COMMUNITY COLLEGES  
AND CAREER EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 25APR75 36P.

DESCRIPTORS - \*TEACHER ATTITUDES;  
CAREER EDUCATION; \*CHANGING  
ATTITUDES; \*CHANGE STRATEGIES;  
\*INSERVICE PROGRAMS; \*TEACHER  
WORKSHOPS; MEASUREMENT INSTRUMENTS  
IDENTIFIERS - GRANTS PASS; OREGON

ABSTRACT - THIS PROJECT WAS  
CONDUCTED TO TEST THE ASSUMPTION  
THAT THERE IS A POSITIVE  
CORRELATION BETWEEN TEACHERS'  
KNOWLEDGE ABOUT CAREER EDUCATION  
AND THEIR ATTITUDES TOWARD USING IT  
IN THE CLASSROOM. THE PROJECTED  
GOAL WAS TO IMPLEMENT CAREER  
AWARENESS ACTIVITIES FOR TEACHERS  
IN AN INSERVICE PROGRAM IN ORDER TO  
PROMOTE TEACHER ATTITUDE CHANGE.  
RESULTS INDICATED THAT THE  
ASSUMPTION WAS CORRECT. INSERVICE  
WORKSHOPS FOR TEACHERS WERE HELD AT  
A DISTRICT COMMUNITY COLLEGE. TESTS  
BEFORE AND AFTER THE INSERVICE  
PROGRAMS INDICATED THAT THE  
TEACHERS DID HAVE MORE POSITIVE  
ATTITUDES ABOUT CAREER EDUCATION  
AFTER THE PROGRAMS. APPENDIXES  
INCLUDE A BIBLIOGRAPHY, A LIST OF  
AUDIOVISUAL MATERIALS USED IN THE  
INSERVICE PROGRAMS, TESTS AND  
SURVEYS, AND WORKSHOP AGENDA. (MF)

# VT 102 380

ORLICH, DONALD C.; RUST, GARY A.

**SUPPLY AND DEMAND FOR VOCATIONAL AGRICULTURE TEACHERS IN WASHINGTON STATE, 1975 AND 1976.**

WASHINGTON STATE UNIV., PULLMAN.  
COLL. OF EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - AUG75 57P.

DESCRIPTORS - \*TEACHER SUPPLY AND DEMAND; \*VOCATIONAL AGRICULTURE TEACHERS; \*SCHOOL SURVEYS; \*TREND ANALYSIS  
IDENTIFIERS - WASHINGTON

ABSTRACT - THE PURPOSE OF THIS STUDY WAS TO DETERMINE THE SUPPLY AND DEMAND FOR VOCATIONAL AGRICULTURE TEACHERS IN THE STATE OF WASHINGTON FOR 1975-76. PRIMARY SOURCE DATA WERE COLLECTED FROM THE WASHINGTON STATE SUPERINTENDENT OF PUBLIC INSTRUCTION AND INSTITUTIONAL INFORMATION WAS OBTAINED FROM STATE UNIVERSITIES IN WASHINGTON, MONTANA, UTAH, OREGON, AND IDAHO. ALL SECONDARY SCHOOLS IN WASHINGTON WERE SURVEYED BY QUESTIONNAIRE, WITH A 97 PERCENT RETURN RATE. FROM THE DATA COLLECTED AND ANALYZED IT WAS CONCLUDED THAT THE SUPPLY OF VOCATIONAL AGRICULTURE TEACHERS IN THE STATE OF WASHINGTON IS ALMOST EQUAL TO THE DEMAND AND MAY BE ADEQUATE. THE DEMAND MAY SLIGHTLY EXCEED THE SUPPLY BY 1976, AS THERE HAVE BEEN CONTINUED INCREASES IN CLASS SIZES, ENROLLMENTS, AND OFFERINGS IN VOCATIONAL AGRICULTURE DURING THE 1970'S. SURVEY RESULTS ARE PRESENTED IN THE REPORT, ALONG WITH THE FORMULA USED TO PREDICT TEACHER SUPPLY AND DEMAND. THE RESULTS OF THE STUDY WILL BE USED BY WASHINGTON STATE UNIVERSITY FOR CURRICULUM PLANNING AND BY THE STATE IN ESTABLISHING INSTRUCTIONAL POLICY. THE RESULTS WILL ALSO BE OF VALUE TO SCHOOL DISTRICTS FOR IDENTIFYING TRENDS IN PROGRAM AND TEACHING NEEDS. (AUTHOR/MF)

VT 102 381  
ELSON, DONALD E.  
FURTHER DEVELOPMENT OF THE  
VOCATIONAL EDUCATION MANAGEMENT

**INFORMATION SYSTEM FOR VIRGINIA (VEMIS-V). FINAL REPORT.**

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - JUL75 319P.

DESCRIPTORS - \*MANAGEMENT INFORMATION SYSTEMS; VOCATIONAL EDUCATION; \*STATE DEPARTMENTS OF EDUCATION; \*SYSTEMS DEVELOPMENT; \*MANPOWER NEEDS; EDUCATIONAL PLANNING; SCHOOL SURVEYS; EDUCATIONAL DEMAND; EDUCATIONAL SUPPLY  
IDENTIFIERS - VIRGINIA

ABSTRACT - THE PROJECT WAS CONDUCTED TO EVALUATE THE VOCATIONAL EDUCATION REPORTING SYSTEM IN VIRGINIA. OBJECTIVES WERE TO DETERMINE IF THE STUDENT ENROLLMENT AND FOLLOWUP INFORMATION COLLECTED BY THE SYSTEM IS ADEQUATE FOR PROGRAM PLANNING BY LOCAL SCHOOL DIVISIONS; TO REVISE THE REPORTING SYSTEM; TO STUDY PROCEDURES USED IN OTHER STATES IN DETERMINING MANPOWER DEMAND; TO DEVELOP AN INSTRUMENT TO DETERMINE STUDENT DEMAND FOR VOCATIONAL PROGRAMS; TO REVISE THE FORMS AND PROCEDURES USED IN PLANS FOR VOCATIONAL EDUCATION; TO DETERMINE AVAILABILITY AND UTILIZATION OF VOCATIONAL EDUCATION FACILITIES IN VIRGINIA; TO DEVELOP AN INSTRUMENT FOR GATHERING DATA ON TEACHERS' DAILY ASSIGNMENTS; AND TO ASSIST IN DEVELOPING COMPUTER SOFTWARE FOR PROGRAM STANDARDS. IT WAS CONCLUDED THAT WHILE THE REPORTING SYSTEM IS FUNCTIONING REASONABLY WELL, MAJOR REVISIONS OF FORMS AND PROCEDURES ARE NEEDED TO IMPROVE ITS EFFICIENCY. MATERIALS RESULTING FROM AND RELATED TO THE PROJECT ARE APPENDED. (AUTHOR/MF)

VT 102 382  
BEKKER, GERALD; CHRISTIANSEN, JAMES



E.  
A MODEL FOR EVALUATING PROGRAMS IN VOCATIONAL EDUCATION FOR THE HANDICAPPED. FINAL REPORT.

TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.; TEXAS A AND M UNIV., COLLEGE STATION. COLL. OF EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - AUG75 178P.

DESCRIPTORS - \*MODELS; \*EDUCATIONAL PROGRAMS; PILOT PROJECTS; PROGRAM DEVELOPMENT; PROGRAM EFFECTIVENESS; \*PROGRAM EVALUATION; VOCATIONAL EDUCATION; \*MENTALLY HANDICAPPED; HOSPITALS; INSTITUTIONAL SCHOOLS; \*STATE PROGRAMS; QUESTIONNAIRES; COMPUTER PROGRAMS  
IDENTIFIERS - TEXAS

ABSTRACT - AN EVALUATION MODEL WAS DEVELOPED TO MEASURE THE EFFECTIVENESS OF PILOT PROGRAMS IN VOCATIONAL EDUCATION FOR HANDICAPPED PERSONS IN SELECTED STATE SCHOOLS AND STATE HOSPITALS IN TEXAS. THE MODEL WAS FIELD-TESTED BY CONDUCTING EVALUATIONS OF 16 PILOT PROGRAMS IN VOCATIONAL EDUCATION FOR THE HANDICAPPED LOCATED IN SEVEN STATE SCHOOLS/HOSPITALS. DATA WERE COLLECTED BY EVALUATION TEAMS FROM THE FIELDS OF VOCATIONAL EDUCATION OR SPECIAL EDUCATION FOR THE MENTALLY HANDICAPPED. THE TESTING INDICATED THAT THE MODEL WAS USEFUL FOR COLLECTING AND EVALUATING APPROPRIATE DATA TO DETERMINE PROGRAM EFFECTIVENESS. IT WAS CONCLUDED THAT THE MODEL PROGRAM CONCEPTS WERE MORE APPLICABLE TO VOCATIONAL EDUCATION PROGRAMS IN PUBLIC SECONDARY AND POSTSECONDARY INSTITUTIONS THAN TO PILOT PROGRAMS IN THE STATE SCHOOLS/HOSPITALS. MODEL DEVELOPMENT, TEST PROCEDURES, AND FINDINGS ARE DETAILED IN THE REPORT. VOCATIONAL PROGRAM EVALUATIONS ARE APPENDED, INCLUDING THE INSTRUMENTS USED TO OBTAIN EVALUATION STATEMENT RATINGS; QUESTIONNAIRES TO CONDUCT PERSONAL INTERVIEWS WITH DIRECTORS,

COUNSELORS, PROGRAM INSTRUCTORS, VOCATIONAL STUDENTS, AND EMPLOYERS; AND COMPUTER PROGRAMS. (MF)

VT 102 383

AN ASSESSMENT OF WISCONSIN'S VOCATIONAL AND TECHNICAL EDUCATION PROGRAM.

WISCONSIN UNIV., MADISON.  
COOPERATIVE EDUCATIONAL RESEARCH AND SERVICES.

WISCONSIN ADVISORY COUNCIL FOR VOCATIONAL EDUCATION, MADISON.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - 70 202P.

DESCRIPTORS - \*EDUCATIONAL ASSESSMENT; \*EDUCATIONAL PROGRAMS; \*VOCATIONAL EDUCATION; TECHNICAL EDUCATION; \*STATE PROGRAMS; ANNUAL REPORTS; \*SCHOOL STATISTICS; DELIVERY SYSTEMS; RESOURCE ALLOCATIONS; MANPOWER NEEDS; ANCILLARY SERVICES; SCHOOL PERSONNEL; TEACHER EDUCATION; STUDENT ENROLLMENT  
IDENTIFIERS - WISCONSIN

ABSTRACT - THIS ANNUAL REPORT DOCUMENTS WISCONSIN'S VOCATIONAL PROGRAMS FOR THE 1969-1970 SCHOOL YEAR AND SERVES AS THE INITIAL STUDY OF THE STATE ADVISORY COUNCIL. OBJECTIVES WERE TO PROVIDE A BROAD ASSESSMENT OF THE VOCATIONAL AND TECHNICAL EDUCATION PROGRAM IN WISCONSIN, TO IDENTIFY PROGRAM PROCESSES AND OUTPUTS, TO DETERMINE THE DEGREE TO WHICH THE PROGRAM IS SERVING THE POPULATION, AND TO SEE HOW IT REFLECTS THE LABOR FORCE REQUIREMENTS. CONTENTS ARE ARRANGED IN CHAPTERS ON STUDY BACKGROUND, GOALS, PEOPLE AND PROGRAMS, LABOR MARKET DATA AND MANPOWER NEEDS, FINANCIAL PROGRAMS, STATE AND LOCAL PERSONNEL, PROFESSIONAL GROWTH AND DEVELOPMENT, ANCILLARY SERVICES, ANALYSIS OF PROJECTS, AND RECOMMENDATIONS. STATISTICAL DATA ARE DISPLAYED IN TABLES AND GRAPHS, WITH STATE OUTLINE MAPS SHOWING GEOGRAPHICAL LOCATIONS OF PROGRAMS AND FUNDING. (MF)

VT 102 384

GOLDHAMMER, KEITH  
ALTERNATIVE EDUCATIONAL FUTURES:  
THE CHOICE BEFORE US.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

PUB DATE - DEC 71 24P.

DESCRIPTORS - \*EDUCATIONAL  
ALTERNATIVES; FUTURES (OF SOCIETY);  
EDUCATIONAL PRINCIPLES;  
\*EDUCATIONAL DEVELOPMENT; SOCIAL  
VALUES; \*CAREER AWARENESS; SPEECHES

ABSTRACT - THREE ALTERNATIVES FOR  
EDUCATION IN THE FUTURE ARE  
PRESENTED IN THIS PAPER, WHICH WAS  
INITIALLY DELIVERED AS A UNIVERSITY  
GRADUATE SCHOOL LECTURE. THE AUTHOR  
FIRST DESCRIBES THREE GROUPS OF  
CHILDREN WITH DIFFERENT LIFE  
ENVIRONMENTS--THE ADVANTAGED, THE  
SILENT MAJORITY, AND THE  
DISADVANTAGED. THE SIGNIFICANCE OF  
POSSIBLE EDUCATIONAL ALTERNATIVES  
IS THEN RELATED TO THE THREE  
GROUPS. THE FIRST EDUCATIONAL  
ALTERNATIVE IS RENEWED ACADEMIC  
PLANNING, HOLDING THAT THERE IS  
NOTHING BASICALLY WRONG WITH THE  
PRESENT SUBJECT-CENTERED CURRICULUM  
AND EDUCATIONAL PRACTICE. A SECOND  
ALTERNATIVE IS THE FREE-SCHOOL  
MOVEMENT, OR THE "DE-SCHOOLED  
SOCIETY" OF IVAN ILLICH, PROPOSING  
A STRUCTURELESS SCHOOL IN WHICH THE  
CHILD GUIDES HIMSELF. THERE IS A  
REAL POTENTIAL IN THE CONCEPT OF A  
FREER SCHOOL, WHICH WOULD EMPHASIZE  
CHOICE AND INDIVIDUAL DETERMINATION  
IN PLACE OF AUTHORITY AND CONTROL.  
HOWEVER, THIS EXISTENTIALIST  
STRUCTURELESS SCHOOL DOES NOT PLACE  
HUMAN DEVELOPMENT IN THE PROPER  
CONTEXT OF SOCIAL RELATIONSHIPS.  
THE EDUCATIONAL SYSTEM HAS AN  
OBLIGATION TO SOCIETY AS WELL AS TO  
THE INDIVIDUAL. THE THIRD  
ALTERNATIVE IS CAREER EDUCATION,  
WHICH WOULD GIVE ALL CHILDREN THE  
MEANS OF COPING WITH THE PROBLEMS  
OF THEIR ENVIRONMENT THROUGH  
DEVELOPING A SENSE OF VOCATION.  
(MF)

VT 102 385

OCCUPATIONAL EDUCATION PROGRAM  
DEVELOPMENT INSTITUTES FOR POST-  
SECONDARY INSTITUTIONS. PROCEEDING  
FROM WESTERN REGIONAL INSTITUTE,  
JULY 7-10, 1969, SAN FRANCISCO, CA.  
AND EASTERN REGIONAL INSTITUTE,  
AUGUST 11-14, 1969, ATLANTA, GA.

AMERICAN ASSOCIATION OF COMMUNITY  
AND JUNIOR COLLEGES, WASHINGTON,  
D.C.; OHIO STATE UNIV., COLUMBUS.  
CENTER FOR VOCATIONAL EDUCATION.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

OEG3-7-000158-2037

PUB DATE - ND 23P.

DESCRIPTORS - \*POST SECONDARY  
EDUCATION; \*VOCATIONAL EDUCATION;  
\*INSERVICE EDUCATION; \*EDUCATIONAL  
PLANNING; \*INSTITUTES (TRAINING  
PROGRAMS)

ABSTRACT - THIS REPORT IS A  
COMPILATION OF THE MAJOR PAPERS,  
REACTOR COMMENTS, AND DISCUSSION  
GROUP DELIBERATIONS OF THE  
PROCEEDINGS OF THE OCCUPATIONAL  
EDUCATION PROGRAM DEVELOPMENT  
INSTITUTES FOR POST-SECONDARY  
INSTITUTIONS. THE INSTITUTES WERE  
DESIGNED TO PROVIDE INSERVICE  
EDUCATION FOR POLICY MAKERS AND  
PROGRAM PLANNERS IN POSTSECONDARY  
OCCUPATIONAL EDUCATION. THE TOPICS  
OF CONCERN WERE (1) IDENTIFYING NEW  
AND EMERGING OCCUPATIONS, (2)  
MASTER PLANNING IN POSTSECONDARY  
OCCUPATIONAL EDUCATION, AND (3)  
POSTSECONDARY OCCUPATIONAL  
EDUCATION STUDENT RECRUITMENT AND  
SELECTION. THESE TOPICS WERE  
SELECTED AS A RESULT OF RESPONSES  
TO A NATIONAL INTEREST SURVEY OF  
POSTSECONDARY OCCUPATIONAL  
EDUCATORS DURING SEPTEMBER 1968.  
PRIOR TO THE INSTITUTES, THE  
PARTICIPANTS RECEIVED A MAJOR PAPER  
PERTINENT TO EACH TOPIC. NATIONALLY  
RECOGNIZED CONSULTANTS REACTED TO  
THESE PAPERS AT THE INSTITUTES TO  
PROVIDE THE STIMULUS FOR  
INTERACTION IN SMALL DISCUSSION  
GROUPS. (AUTHOR/NJ)

**VT 102 386**

INFORMATION ABOUT EPDA, PART F,  
NATIONAL PROJECTS FOR 1974-75.

NORTH CAROLINA STATE UNIV.,  
RALEIGH. CENTER FOR OCCUPATIONAL  
EDUCATION.

OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

PUB DATE - ND 33P.

DESCRIPTORS - VOCATIONAL DIRECTORS;  
\*EDUCATIONAL PROGRAMS; VOCATIONAL  
EDUCATION TEACHERS; \*PROGRAM  
DESCRIPTIONS; PROGRAM DEVELOPMENT;  
\*INSERVICE TEACHER EDUCATION;  
ADMINISTRATOR EDUCATION; CAREER  
EDUCATION; \*NATIONAL PROGRAMS;  
FEDERAL AID  
IDENTIFIERS - EDUCATION PROFESSIONS  
DEVELOPMENT ACT; EPDA

ABSTRACT - THIS BROCHURE LISTS, BY  
REGION, NATIONALLY FUNDED  
VOCATIONAL EDUCATION PROJECTS IN  
PROFESSIONAL DEVELOPMENT FOR 1974-  
75. INCLUDED ARE BRIEF DESCRIPTIONS  
OF PROJECT ACTIVITIES, SUCH AS  
WORKSHOPS, SEMINARS, CONFERENCES,  
AND TRAINING PROGRAMS. (NJ)

**VT 102 387**

REPORT AND EVALUATION OF THE SECOND  
ANNUAL WORKSHOP FOR VOCATIONAL  
EDUCATION PERSONNEL WORKING WITH  
THE HANDICAPPED.

VIRGINIA POLYTECHNIC INST. AND  
STATE UNIV., BLACKSBURG. DIV. OF  
VOCATIONAL-TECHNICAL EDUCATION.

OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

PUB DATE - JUN75 90P.

DESCRIPTORS - \*WORKSHOPS;  
\*INSERVICE TEACHER EDUCATION;  
\*VOCATIONAL EDUCATION TEACHERS;  
\*HANDICAPPED STUDENTS; ANNUAL  
REPORTS; PROGRAM EVALUATION  
IDENTIFIERS - VIRGINIA

ABSTRACT - THE SECOND ANNUAL  
INSERVICE WORKSHOP FOR VOCATIONAL  
TEACHERS OF THE HANDICAPPED IN

VIRGINIA WAS HELD JUNE 16-27, 1975.  
THE PURPOSE OF THE WORKSHOP WAS TO  
ASSIST SPECIAL AND REGULAR  
VOCATIONAL EDUCATION TEACHERS TO  
BECOME MORE EFFECTIVE TEACHERS OF  
THE MENTALLY RETARDED, PHYSICALLY  
AND MULTIPLY-HANDICAPPED STUDENTS.  
THE TOPICS COVERED IN THE WORKSHOP  
INCLUDED: INTEGRATING THE  
HANDICAPPED INTO THE REGULAR  
VOCATIONAL CLASS; DEVELOPING  
INDIVIDUALIZED LEARNING PACKAGES  
FOR THE HANDICAPPED; FIELD TRIPS;  
ASSESSMENT OF HANDICAPPED PERSONS'  
NEEDS AND EMPLOYMENT POTENTIAL;  
\*BUILDING A GOOD RELATIONSHIP WITH  
HANDICAPPED PERSONS; TEACHING  
VOCATIONAL SKILLS TO THE  
HANDICAPPED; AND JOB PLACEMENT. IN  
THE EVALUATION, THE OBJECTIVES WERE  
TO DESCRIBE THE ORGANIZATION AND  
IMPLEMENTATION OF THE WORKSHOP; TO  
MEASURE THE KNOWLEDGE GAINED BY THE  
PARTICIPANTS; TO OFFER  
RECOMMENDATIONS FOR FUTURE  
WORKSHOPS; AND TO SHARE SOME OF THE  
OUTCOMES OF THE WORKSHOP. THIS  
REPORT DESCRIBES THE WORKSHOP  
PROCEEDINGS AND PRESENTS THE  
EVALUATION RESULTS. APPENDIXES  
INCLUDE SUCH PROJECT-RELATED  
MATERIALS AS NEWS RELEASES, SAMPLE  
LEARNING PACKAGES, STUDENT  
EVALUATIONS, LIST OF PARTICIPANTS,  
AND EVALUATION SCALE. (NJ)

**VT 102 388**

A SURVEY AND ANALYSIS OF ATTITUDES,  
AVAILABLE RESOURCES, CAPABILITIES,  
AND POTENTIALS OF VOCATIONAL  
EDUCATION IN SERVING THE AGED.

VIRGINIA POLYTECHNIC INST. AND  
STATE UNIV., BLACKSBURG. DEPT. OF  
EDUCATION.

VIRGINIA POLYTECHNIC INST. AND  
STATE UNIV., BLACKSBURG. SMALL  
GRANTS PROGRAM.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 9, NO. 3.

PUB DATE - 75 133P.

DESCRIPTORS - \*SURVEYS; \*VOCATIONAL  
EDUCATION TEACHERS; \*TEACHER  
ATTITUDES; \*OLDER ADULTS;  
VOCATIONAL EDUCATION  
IDENTIFIERS - VIRGINIA

**ABSTRACT - THIS STUDY REPORTS ON A PROJECT TO DETERMINE THE ATTITUDES OF VOCATIONAL EDUCATORS IN VIRGINIA TOWARD VOCATIONAL EDUCATION FOR THE OLDER ADULT. AN ATTEMPT WAS MADE TO ASSESS THE PERCEPTIONS OF VOCATIONAL PERSONNEL REGARDING THE ADEQUACY OF THEIR RESOURCES FOR POTENTIAL SERVICE TO THE ELDERLY. ADDITIONALLY, AN EFFORT WAS MADE TO DETERMINE THE CURRENT STATUS OF VOCATIONAL EDUCATION FOR THE OLDER ADULT, AS WELL AS TO ASCERTAIN THE NATURE OF PLANS FOR FUTURE OFFERINGS IN THE AREA. AN OPEN-ENDED, CLOSED FORM SURVEY QUESTIONNAIRE, MAILED TO A STRATIFIED SAMPLE OF VOCATIONAL EDUCATORS IN VIRGINIA, WAS ANALYZED. THE PERCEPTION OF THE VOCATIONAL EDUCATORS SURVEYED WAS THAT PRESENT RESOURCES WERE INADEQUATE FOR SERVING THE NEEDS OF THIS SEGMENT OF THE POPULATION. IT WAS FOUND THAT FEW PROGRAMS IN VOCATIONAL EDUCATION AS A PROFESSION WERE BEING OFFERED FOR THE AGED. BASICALLY, VOCATIONAL EDUCATORS WERE SENSITIVE TO THE NEEDS OF THE OLDER ADULT BUT LARGELY UNAWARE OF HOW THOSE NEEDS COULD BE MET WITHIN THE EXISTING STRUCTURE OF VOCATIONAL EDUCATION. THE BACKGROUND OF THE PROBLEM IS PRESENTED, ALONG WITH A DESCRIPTION OF THE RESEARCH METHODOLOGY, THE ANALYSIS AND INTERPRETATION OF THE DATA, AND A PRESENTATION OF THE SUMMARY AND CONCLUSIONS. A BIBLIOGRAPHY IS INCLUDED, AND THE SURVEY INSTRUMENT IS APPENDED. (AUTHOR/NJ)**

**VT 102 389**

**HACKMAN, J. RICHARD; AND OTHERS  
A NEW STRATEGY FOR JOB ENRICHMENT.**

**YALE UNIV., NEW HAVEN, CONN. DEPT. OF ADMINISTRATIVE SCIENCES.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.  
PUB DATE - MAY74 39P.**

**DESCRIPTORS - \*JOB DEVELOPMENT; JOB SATISFACTION; MOTIVATION; \*WORK SIMPLIFICATION; \*JOB ANALYSIS; \*CHANGE STRATEGIES**

**ABSTRACT - IN THIS DOCUMENT, A NEW STRATEGY FOR REDESIGNING JOBS TO INCREASE THE WORK MOTIVATION AND SATISFACTION OF EMPLOYEES IS DESCRIBED. INCLUDED IS A STATEMENT OF THE THEORY ON WHICH THE STRATEGY IS BASED, DISCUSSION OF HOW TO CARRY OUT AND INTERPRET A DIAGNOSIS OF JOBS PRIOR TO CHANGE, AND SPECIFICATION OF ACTION STEPS FOR JOB REDESIGN WHICH HAVE BEEN FOUND TO LEAD TO BENEFICIAL PERSONAL AND ORGANIZATIONAL OUTCOMES. THE REPORT, WHICH IS ORIENTED PRIMARILY TO MANAGERS AND BEHAVIORAL SCIENCE PRACTITIONERS IN ORGANIZATIONS, CONCLUDES WITH A SUMMARY OF FINDINGS FROM ORGANIZATIONAL TESTS OF THE THEORY AND THE CHANGE STRATEGY. (AUTHOR/LJ)**

**VT 102 390**

**KIEFER, CHARLES C.  
THE PERCEPTIONS OF SELECTED MALE PUBLIC HIGH SCHOOL SENIORS CONCERNING SPECIALIZED AND COMPREHENSIVE POST-SECONDARY SCHOOLS IN MINNESOTA.**

**MINNESOTA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, MINNEAPOLIS.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
MINNESOTA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, UNIVERSITY OF MINNESOTA, MINNEAPOLIS, MINN. 55455.  
PUB DATE - AUG72 62P.**

**DESCRIPTORS - \*STUDENT OPINION; VOCATIONAL SCHOOLS; JUNIOR COLLEGES; \*POST SECONDARY EDUCATION; \*MEASUREMENT INSTRUMENTS; \*HIGH SCHOOL STUDENTS; SENIORS; MALES  
IDENTIFIERS - MINNESOTA**

**ABSTRACT - A STUDY WAS CARRIED OUT IN THREE MINNESOTA PUBLIC HIGH SCHOOLS TO DETERMINE SENIOR BOYS' PERCEPTIONS OF THE SPECIALIZED AND COMPREHENSIVE TYPES OF PUBLIC TWO-YEAR POSTSECONDARY SCHOOLS IN MINNESOTA. DATA WERE COLLECTED SEPARATELY FOR THE VOCATIONAL AND THE NON-VOCATIONAL STUDENTS IN EACH SCHOOL. AN INSTRUMENT WAS DEVELOPED TO ELICIT AND MEASURE PERCEPTIONS**



CONCERNED WITH PREFERRED SCHOOL, EDUCATIONAL PROGRAMS, AND SCHOOL AND NON-SCHOOL FACTOR IMPORTANCE. ANALYSIS INDICATED THAT, UNDER FORCED CHOICE, 60 PERCENT OF THE STUDENT SURVEYED PREFERRED A SPECIALIZED TO A COMPREHENSIVE SCHOOL, CITING LOWER COST, EDUCATIONAL PROGRAM TRANSFER, AND "REAL LIFE" SITUATIONS. HOWEVER, THE SAME FACTORS WERE PERCEIVED BY THOSE PREFERRING THE COMPREHENSIVE SCHOOL. GENERALLY, THE VOCATIONAL AND NON-VOCATIONAL STUDENTS HAD SIMILAR PREFERENCES, AS DID THE STUDENTS SURVEYED IN ALL THREE HIGH SCHOOLS. THE STUDY WAS UNDERTAKEN TO PROVIDE RESEARCH ON THE ORGANIZATIONAL CONSIDERATION OF WHETHER OR NOT TO PLACE VOCATIONAL AND NON-VOCATIONAL EDUCATION IN THE SAME OR IN SEPARATE INSTITUTIONS. THE INSTRUMENT USED AND TABULATED RESULTS ARE APPENDED. (MF)

#### VT 102 391

ROBERTSON, MARVIN; AND OTHERS  
STAFF AWARENESS: RACIAL,  
SOCIOECONOMIC, SEX STEREOTYPES  
LIMIT CAREER POTENTIAL.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#S10, \$8.50 EA.)  
PUB DATE - 75 182P.

DESCRIPTORS - \*STAFF IMPROVEMENT;  
\*INSERVICE PROGRAMS;  
\*DISCRIMINATORY ATTITUDES (SOCIAL);  
\*TEACHER ATTITUDES; SEX  
STEREOTYPES; ETHNIC STEREOTYPES;  
SOCIOECONOMIC STATUS; \*CHANGE  
STRATEGIES; LEADERS GUIDES; STUDENT  
TEACHER RELATIONSHIP; CAREER  
EDUCATION

ABSTRACT - THE MATERIALS IN THE  
STAFF AWARENESS PROGRAM WERE  
DEVELOPED TO ASSIST FACILITATORS OF  
CAREER EDUCATION INSERVICE  
TRAINING. THE PURPOSE OF THIS  
PROGRAM IS TO INCREASE THE  
EXPECTATIONS OF TEACHERS TOWARD THE  
CAREER POTENTIALS OF ALL STUDENTS

REGARDLESS OF THEIR RACE, SEX,  
ETHNIC BACKGROUND, OR THE  
SOCIOECONOMIC STATUS OF THE FAMILY.  
THE PROGRAM HELPS TO IDENTIFY STAFF  
STEREOTYPES TOWARD STUDENTS AND  
PROVIDES A TESTED-INTERVENTION FOR  
CHANGING STAFF BEHAVIOR. THE  
MATERIALS ARE PRESENTED IN FOUR  
SECTIONS: RATIONALE AND RESEARCH  
BASE, CONTAINING A CONCEPTUAL  
FRAMEWORK, RESEARCH DATA FROM THREE  
SITES, AND A SUMMARY OF INSERVICE  
OUTCOMES FOUND DURING PROGRAM  
TESTING; ADMINISTRATOR'S GUIDE,  
PROVIDING AN OVERVIEW OF THE TOTAL  
STAFF AWARENESS PROGRAM WITH  
INFORMATION NEEDED FOR  
DECISIONMAKING; GUIDE FOR A LOCAL  
STUDY, CONTAINING INSTRUMENTATION  
AND DIRECTIONS FOR STUDYING LOCAL  
NEEDS IN ORDER TO ADAPT THE  
INSERVICE PROGRAM PRODUCTS; AND  
STAFF TRAINING, PRESENTING AN  
INSERVICE PROGRAM WITH  
IMPLEMENTATION AND EVALUATION  
MATERIALS AND ACTIVITIES.  
(AUTHOR/MF)

#### VT 102 392

JACOBSEN, KAARE; DRIER, HARRY N.,  
JR.  
THE DISSIDENT TEACHER AND INDUCED  
DISCREPANT BEHAVIORS. PROCEDURES  
MANUAL. ATTITUDES TOWARD CAREER  
EDUCATION SERIES.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#S091, \$2.00 EA.; COMPLETE SET OF  
FIVE, ORDER #S09, \$15.00 PER SET.)  
PUB DATE - 74 44P.; RELATED  
DOCUMENTS VT 102 392 THROUGH VT 102  
396 IN THIS ISSUE.

DESCRIPTORS - \*INSERVICE PROGRAMS;  
\*CHANGING ATTITUDES; \*TEACHER  
ATTITUDES; CAREER EDUCATION;  
\*CHANGE STRATEGIES; INTERVENTION;  
BEHAVIOR CHANGE; \*STAFF  
IMPROVEMENT; TEACHER WORKSHOPS;  
ROLE PLAYING; MANUALS

**ABSTRACT - ONE OF FIVE SECTIONS OF MATERIALS FOR A PROGRAM TO CHANGE TEACHER ATTITUDES TOWARD CAREER EDUCATION, THIS PROCEDURES MANUAL PRESENTS THE THEORETICAL BASE OF THE PROGRAM, THE OPERATIONAL PLAN, AND PROGRAM PROCEDURES FOR STRATEGIES TO IMPLEMENT A COMPREHENSIVE STAFF DEVELOPMENT EFFORT IN ASSIMILATION OF A CAREER EDUCATION PROGRAM. THE RESULTS OF THE PILOT STUDY AND FIELD TESTS INDICATED THAT ACTIVE PARTICIPATION IN WORKSHOP ACTIVITIES, INCLUDING ROLE PLAYING, DOES INCREASE ATTITUDE CHANGE. THE EVIDENCE SUBSTANTIATES THE ASSUMPTION THAT DISCREPANT ROLE PLAYING MUST BE INDUCED IN ORDER TO PROMOTE A POSITIVE CHANGE IN RESISTIVE TEACHERS. SUCH TEACHERS CAN BE INFLUENCED TO CHANGE THEIR ATTITUDES IN A SPECIFIC DIRECTION AS A RESULT OF PLANNED INTERVENTION DEVELOPED ON THE THEORETICAL FRAMEWORK OF FESTINGER'S THEORY OF COGNITIVE DISSONANCE. (AUTHOR/MF)**

**VT 102 393**

**JACOBSEN, KAARE; DRIER, HARRY N., JR.**

**THE DISSIDENT TEACHER AND INDUCED DISCREPANT BEHAVIORS. RESEARCH: ATTITUDE CHANGE. ATTITUDES TOWARD CAREER EDUCATION SERIES.**

**OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.**

**DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #S0911, \$2.00 EA.; COMPLETE SET OF FIVE, ORDER #S09, \$15.00 PER SET.) PUB-DATE - 74 44P.; RELATED DOCUMENTS VT 102 392 THROUGH VT 102 396 IN THIS ISSUE.**

**DESCRIPTORS - \*TEACHER ATTITUDES; CAREER EDUCATION; \*CHANGING ATTITUDES; CHANGE STRATEGIES; \*INSERVICE PROGRAMS; \*PROGRAM EVALUATION; \*STAFF IMPROVEMENT; PRETESTING; POST TESTING; ANALYSIS OF COVARIANCE**

**ABSTRACT - ONE OF FIVE SECTIONS OF MATERIALS FOR A PROGRAM TO CHANGE TEACHER ATTITUDES TOWARD CAREER EDUCATION, THIS DOCUMENT PRESENTS THE RESULTS OF THE PILOT TESTING OF THE PROGRAM. THE ATTITUDE CHANGE PRODUCT WAS EVALUATED BY A PILOT TEST PLAN AND A FIELD TEST PLAN. DESIGN, DATA COLLECTION, AND DATA INTERPRETATION FOR EACH TEST PLAN ARE DESCRIBED. ALTHOUGH FINDINGS INDICATE THAT RESISTIVE TEACHERS CAN BE INFLUENCED TO CHANGE THEIR ATTITUDES IN A SPECIFIC DIRECTION AS A RESULT OF PLANNED INTERVENTION, THE EFFECTIVENESS OF THE INSERVICE PROGRAM WAS NOT DEMONSTRATED. DISCUSSION OF THE TESTING AND RECOMMENDATIONS FOR CHANGES IN THE PROGRAM ARE SUMMARIZED. (AUTHOR/MF)**

**VT 102 394**

**JACOBSEN, KAARE; DRIER, HARRY N., JR.**

**AN ATTITUDE CHANGE MODULE BASED ON COGNITIVE DISSONANCE THEORY. TEACHER WORKSHOP DESCRIPTION. ATTITUDES TOWARD CAREER EDUCATION SERIES.**

**OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.**

**DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #S0911, \$5.70 EA.; COMPLETE SET OF FIVE, ORDER #S09, \$15.00 PER SET.) PUB DATE - 74 101P.; RELATED DOCUMENTS VT 102 392 THROUGH VT 102 396 IN THIS ISSUE.**

**DESCRIPTORS - \*TEACHER WORKSHOPS; \*LEADERS GUIDES; LESSON PLANS; ROLE PLAYING; \*TEACHER ATTITUDES; \*CHANGE STRATEGIES; \*CAREER EDUCATION; INSERVICE PROGRAMS**

**ABSTRACT - ONE OF FIVE SECTIONS OF MATERIALS FOR A PROGRAM TO CHANGE TEACHER ATTITUDES TOWARD CAREER EDUCATION, THIS LEADER'S GUIDE PRESENTS A PLAN FOR A THREE-DAY TEACHER INSERVICE WORKSHOP INVOLVING ROLE PLAYING BY BOTH**

DISSONANT AND CONSONANT GROUPS. THE DISSONANT GROUP CONSISTS OF PERSONS WITH LOW CHANGE ORIENTATION WHO ASSUME ROLES ADVOCATING CAREER EDUCATION. HOWEVER, THE CONSONANT GROUP PARTICIPANTS REFLECT THEIR MEASURED ATTITUDES, EITHER FOR OR AGAINST, IN THE ROLE PLAYING. INCLUDED ARE WORKSHOP ACTIVITIES FOR EACH DAY, MATERIALS AND SUGGESTIONS FOR THE LEADER, WORKSHOP HANDOUTS, AND TYPICAL LESSON PLANS. (AUTHOR/MF)

#### VT 102 395

JACOBSEN, KAARE; DRIER, HARRY N., JR.

PRO AND CON PERSPECTIVES. AN OVERVIEW OF CAREER EDUCATION. SUPPORTIVE MATERIALS. ATTITUDES TOWARD CAREER EDUCATION SERIES.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #S09IV, \$5.70 EA.; COMPLETE SET OF FIVE, ORDER #S09, \$15.00 PER SET.) PUB DATE - 74 112P.; RELATED DOCUMENTS VT 102 392 THROUGH VT 102 396 IN THIS ISSUE.

DESCRIPTORS - \*RESOURCE MATERIALS; \*CAREER EDUCATION; \*TEACHER ATTITUDES; \*CHANGING ATTITUDES; \*CHANGE STRATEGIES; INSERVICE PROGRAMS; TEACHER WORKSHOPS; ROLE PLAYING.

ABSTRACT - THE MATERIALS COMPILED IN THIS DOCUMENT PRESENT A BALANCE OF ARGUMENTS BOTH FOR AND AGAINST CAREER EDUCATION. DESIGNED FOR USE IN TEACHER WORKSHOPS, THIS WORK OFFERS EACH PARTICIPANT THE OPPORTUNITY TO ANALYZE DIFFERENT VIEWPOINTS AND MAY BE USED AS SUPPORTIVE CONTENT FOR ROLE PLAYING. THE ISSUES DISCUSSED, IN THIS COMPILATION OF SEVERAL AUTHORS' WORKS, REPRESENT EXTREME PRO AND CON POSITIONS AND HAVE BEEN ORGANIZED TO ENGAGE PARTICIPANTS IN ROLE PLAYING. (AUTHOR/MF)

#### VT 102 396

JACOBSEN, KAARE; DRIER, HARRY N., JR.

THE COMPREHENSIVE CAREER EDUCATION STAFF DEVELOPMENT QUESTIONNAIRE. A MULTIDIMENSIONAL ATTITUDE SCALE. ATTITUDES ASSESSMENT INSTRUMENT. ATTITUDES TOWARD CAREER EDUCATION SERIES.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C. DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #S09V, \$1.50 EA.; COMPLETE SET OF FIVE, ORDER #S09, \$15.00 PER SET.) PUB DATE - 74 34P.; RELATED DOCUMENTS VT 102 392 THROUGH VT 102 396 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*TEACHER ATTITUDES; \*ATTITUDE TESTS; \*QUESTIONNAIRES; INSERVICE PROGRAMS; \*CHANGING ATTITUDES; STAFF IMPROVEMENT

ABSTRACT - THE COMPREHENSIVE CAREER EDUCATION STAFF DEVELOPMENT QUESTIONNAIRE PRESENTED IN THIS DOCUMENT WAS DEVELOPED FOR USE IN INSERVICE EDUCATION PROGRAMS IN CAREER EDUCATION. DETAILED INSTRUMENT DEVELOPMENT AND A SUGGESTED METHOD OF ADMINISTERING THE QUESTIONNAIRE ARE DESCRIBED. THREE SUBSCALES ARE DESIGNED TO MEASURE VARIATIONS AMONG STAFF MEMBERS OF THEIR AFFECTIVE ACCEPTANCE, COMMITMENT, AND CHANGE ORIENTATION. THE QUESTIONNAIRE HAS THREE PURPOSES: (1) TO MEASURE THE MAGNITUDE OF CHANGE TOWARD CAREER EDUCATION, (2) TO MEASURE VARIATIONS AMONG STAFF MEMBERS, AND (3) TO GENERATE AN ATTITUDE PROFILE OF EDUCATIONAL STAFF TOWARD CAREER EDUCATION AND CHANGE ORIENTATION. THE INSTRUMENT SHOULD HELP LOCAL EDUCATIONAL PERSONNEL TO MAKE MORE REALISTIC DECISIONS REGARDING THEIR INSERVICE PROGRAMS. (AUTHOR/MF)

VT-102 397

# STAFF DEVELOPMENT PROGRAM FOR THE IMPLEMENTATION OF CAREER EDUCATION TEACHER'S GUIDES. A GROUP APPROACH.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.

NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #S01, \$15.00 EA.)

PUB DATE - 74 212P.; RELATED DOCUMENT VT 102 398 IN THIS ISSUE.

DESCRIPTORS - \*INSERVICE PROGRAMS; PROGRAM PLANNING; PROGRAM ADMINISTRATION; \*STAFF ORIENTATION; \*CAREER EDUCATION; INSTRUCTIONAL MATERIALS; INSTRUCTOR COORDINATORS; TEACHING GUIDES; \*GROUP INSTRUCTION

ABSTRACT - THE PURPOSE OF THIS INSERVICE EDUCATION PROGRAM IS TO HELP LOCAL INSERVICE COORDINATORS PLAN AND CONDUCT EFFECTIVE INSERVICE PROGRAMS FOR TEACHERS AND OTHER INSTRUCTIONAL STAFF WHO WILL BE USING CURRICULUM MATERIALS (TEACHER'S GUIDES) DEVELOPED AT THE CENTER FOR VOCATIONAL EDUCATION. THE INTENT OF THE PROGRAM IS TO PROVIDE AN ORIENTATION TO CAREER EDUCATION CONCEPTS AND PRINCIPLES AND AN UNDERSTANDING OF THE STRUCTURE, FORMAT, AND INTENDED USE OF THE MATERIALS. THE INSERVICE PACKAGE INCLUDES SUGGESTIONS FOR ASSESSING PARTICIPANT NEEDS AND GROWTH; AN INSTRUCTIONAL PLAN; SPECIFIC SUGGESTIONS FOR THE PRESENTATION OF EACH RECOMMENDED TOPIC (FOR THE AID OF THE INSERVICE COORDINATOR); AND SUGGESTED HANDOUTS, TRANSPARENCIES, AND RESOURCE MATERIALS. THIS DOCUMENT PRESENTS THE GROUP INSTRUCTIONAL APPROACH TO ALLOW OPPORTUNITY FOR DISCUSSION AND INTERACTION. A SELF-INSTRUCTIONAL MODE IS AVAILABLE AS VT 102 398. (AUTHOR/MF)

VT 102 398

STAFF DEVELOPMENT PROGRAM FOR THE IMPLEMENTATION OF CAREER EDUCATION TEACHER'S GUIDES. TEACHER'S GUIDE INSTALLATION IN-SERVICE PROGRAM. AN

# INDIVIDUALIZED APPROACH.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.

NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #S02, \$15.00 EA.)

PUB DATE - 74 156P.; RELATED DOCUMENT VT 102 397 IN THIS ISSUE.

DESCRIPTORS - \*INSERVICE PROGRAMS; \*CAREER EDUCATION; \*STAFF ORIENTATION; \*TEACHING GUIDES; \*INDEPENDENT STUDY; AUTOINSTRUCTIONAL AIDS; PRETESTING; POST TESTING

ABSTRACT - THE MATERIALS IN THIS SELF-INSTRUCTIONAL VERSION OF THE TEACHER'S GUIDE INSTALLATION INSERVICE PROGRAM WERE DEVELOPED FOR LOCAL EDUCATIONAL STAFF WHO WILL BE USING THE CAREER EDUCATION TEACHER'S GUIDES DEVELOPED AT THE CENTER FOR VOCATIONAL EDUCATION. THIS DOCUMENT PROVIDES AN INDIVIDUALIZED ALTERNATIVE FOR TEACHERS IN THE ABSENCE OF A GROUP-CENTERED INSTRUCTIONAL PROCESS. THE PURPOSE OF THE INSERVICE PROGRAM IS TO PROVIDE USERS WITH AN ORIENTATION TO A SCHOOL-BASED CAREER EDUCATION PROGRAM, TO ORIENT STAFF TO A CURRICULUM MODE OF DELIVERY, AND TO HELP STAFF UNDERSTAND AND PREPARE TO USE CAREER EDUCATION TEACHER'S GUIDES. THIS PROGRAM CONSISTS OF A PRETEST AND POSTTEST AND THREE STUDY UNITS WITH SUPPORTING APPENDIXES. THE GROUP INSTRUCTIONAL APPROACH FOR THIS PROGRAM IS AVAILABLE AS VT 102 397. (AUTHOR/MF)

VT 102 399

CAMPBELL, HARTLEY B.; KING, CATHERINE C.

DEVELOPING LOCAL CAREER INFORMATION SYSTEMS FOR MIDDLE AND SECONDARY SCHOOLS.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW),



WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
#S13, \$3.25 EA.)  
PUB DATE - 75 52P.

DESCRIPTORS - \*INFORMATION SYSTEMS;  
\*OCCUPATIONAL INFORMATION; \*MODELS;  
\*GUIDELINES; PROGRAM DEVELOPMENT;  
JUNIOR HIGH SCHOOLS; HIGH SCHOOLS;  
CAREER EDUCATION

ABSTRACT - THIS GUIDANCE SUPPORT SYSTEMS HANDBOOK WAS DESIGNED TO ASSIST LOCAL, REGIONAL, OR STATE GUIDANCE PERSONNEL WHO WISH TO DEVELOP LOCALLY-RELEVANT CAREER INFORMATION MATERIALS. THESE MATERIALS MAY SERVE AS A CAREER INFORMATION SYSTEM OR MAY BE USED TO SUPPLEMENT COMMERCIAL MATERIALS WHICH ARE NATIONAL IN SCOPE. SECTIONS OF THE HANDBOOK COVER CONCEPTUALIZATION OF A CAREER INFORMATION SYSTEM; IMPLEMENTING THE MODELS FOR CAREER INFORMATION SYSTEMS GRADES 7-9 AND GRADES 10-12; GUIDELINES FOR LOCAL DEVELOPMENT OF A CAREER INFORMATION SYSTEM; AND USES OF THE CAREER INFORMATION SYSTEM IN CAREER EDUCATION. DEFINITIONS OF THE 12 CAREER CLUSTERS ADOPTED BY THE SCHOOL-BASED CAREER EDUCATION PROJECT, A JOB DESCRIPTION CHECKLIST, AND A BIBLIOGRAPHY ARE APPENDED. (AUTHOR/MF)

VT 102 400

NORTON, ROBERT E.; MARTINEZ, NANCY S.

STAFF DEVELOPMENT PROGRAM FOR PROMOTING MORE EFFECTIVE USE-OF COMMUNITY RESOURCES IN CAREER EDUCATION. SECTION I: OVERVIEW AND MANAGEMENT PLAN, LOCAL NEEDS AND ATTITUDES ASSESSMENT, AND RESEARCH REPORT SUMMARY.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY

ROAD, COLUMBUS, OHIO 43210. (ORDER  
#S08I, \$6.00 EA.; COMPLETE SET OF  
SECTION I AND SECTION II, ORDER  
#S08, \$15.00 PER SET.)  
PUB DATE - 75 102P.; RELATED  
DOCUMENT VT 102 295 IN THIS ISSUE.

DESCRIPTORS - \*COMMUNITY RESOURCES;  
\*INSERVICE PROGRAMS; \*STAFF  
IMPROVEMENT; \*CAREER EDUCATION;  
\*COMMUNITY SURVEYS; SCHOOL SURVEYS;  
SCHOOL COMMUNITY RELATIONSHIP;  
PROGRAM COORDINATION

ABSTRACT - THIS STAFF DEVELOPMENT PROGRAM WAS PREPARED TO PROVIDE INSERVICE EDUCATION TO GRADES K-12 SCHOOL STAFF MEMBERS IN MAKING MORE EFFECTIVE USE OF COMMUNITY RESOURCES IN CAREER EDUCATION. THE PROGRAM WAS DESIGNED TO HELP COORDINATORS PLAN AND CONDUCT INSERVICE SESSIONS FOR TEACHERS AND OTHER INSTRUCTIONAL STAFF RESPONSIBLE FOR USING SUCH RESOURCES. THIS PUBLICATION, SECTION I, CONTAINS THE PROGRAM CONTENTS AND MANAGEMENT PLAN, PROCEDURES AND SAMPLE SURVEY FORMS FOR CONDUCTING A LOCAL NEEDS AND ATTITUDES ASSESSMENT, AND A SUMMARY OF A RESEARCH STUDY CONDUCTED BY THE CENTER FOR VOCATIONAL EDUCATION IN 1973 ON THE ATTITUDES OF EDUCATORS AND CITIZENS TOWARD THE USE OF COMMUNITY RESOURCES. THE SAMPLE SURVEY INSTRUMENTS ARE FOR USE WITH TEACHERS AND COUNSELORS, STUDENTS AND PARENTS, SCHOOL ADMINISTRATORS AND BOARD MEMBERS, AND BUSINESS AND INDUSTRY REPRESENTATIVES. SECTION II OF THE PROGRAM CONTAINS EIGHT INSERVICE MODULES AND IS AVAILABLE AS VT 102 295. (AUTHOR/MF)

## SUBJECT INDEX

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(OCTOBER 8-11, 1974).

ADMINISTRATOR EDUCATION

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- VT 102 300 1114  
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SUPERINTENDENTS, PRINCIPALS,  
LOCAL DIRECTORS, AND  
SUPERVISORS OF VOCATIONAL  
EDUCATION.

ADMINISTRATOR RESPONSIBILITY

- VT 102 302 1115  
GUIDELINES FOR COMPREHENSIVE  
VOCATIONAL-TECHNICAL EDUCATION  
PROGRAMS. A HANDBOOK FOR  
SUPERINTENDENTS, PRINCIPALS,  
LOCAL DIRECTORS, AND  
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ADOPTION IDEAS

- VT 102 316 1121  
THE ADOPTION OF SYSTEMS  
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- VT 102 317 1122  
PERCEIVED EFFECTIVENESS OF  
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- VT 102 376 1151  
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## RESEARCH PROJECTS IN PROGRESS

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VTP 2173

Title: Membership in the Interstate Distributive Education Curriculum Consortium.

Principal Investigator: Gene Callahan

Recipient Institution: Distributive Education Service, State Department of Education, Montgomery, Alabama 36104

Start - End Dates: July 1975 to June 1976

Annual Funding: \$2,000.00

Supporting Agency: State Department of Education, Montgomery, Alabama 36104

Contract and/or Control No: No data

Summary of Project: During Phase I (1974-75) of the Interstate Distributive Education Curriculum Consortium (IDECC), 112 teachers in Alabama received curriculum materials. IDECC, now a legal entity, requires a \$2,000 membership fee. These funds have been approved for Alabama's continued membership. IDECC objectives include: (1) development of a system for continued evaluation of materials; (2) development and/or supervision of new materials for marketing and distribution, delivery systems, and professional education personnel development, (3) identification of additional markets for IDECC materials, (4) development and implementation of new materials, and (5) improvement of communications between IDECC and other curricular efforts. As a member, Alabama will receive research and development results from every consortium state, discount purchasing privileges, the opportunity to provide input to a national curriculum effort, and supply one voting delegate to the consortium.

VTP 2174

Title: Casa Grande Elementary School Intermediate Exemplary Vocational Project.

Principal Investigator: Gene D. Moffett

Recipient Institution: Casa Grande Elementary School's #4, 1460 North Pinal Avenue, Casa Grande, Arizona 85222

State - End Dates: July 1976 to September 1976

Annual Funding: \$15,861.00

Supporting Agency: Arizona State Department of Public Instruction, Phoenix, Arizona 85007

Contract and/or Control No.: No data

Summary of Project: This project is designed to continue the development of activities for students at Ocotillo Elementary Schools in grades four, five, and six, utilizing both community and school participation in the six major occupational areas of cooking-chef, barber-beautician, sewing-tailoring, carpentry, electrician, and mechanics. The project will permit students to get involved in performing many of the necessary tasks required in the various occupations. Since career groups will be small, instructors will be able to become better acquainted with the students and their needs and interests than in the more formal classroom atmosphere. Students will be encouraged to read and follow directions on their own and will actively participate in hands-on experiences rather than the traditional lecture format.

VTP 2175

Title: Comprehensive Needs Assessment for the Gila River Career Center.

Principal Investigator: Richard R. Armenta

Recipient Institution: Gila River Career Center, Sacaton, Arizona 85247

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$3,288.00

Supporting Agency: Arizona Department of Education, 1535 West Jefferson Street, Phoenix, Arizona 85007

Contract and/or Control No.: No data

Summary of Project: This project is a comprehensive plan to identify and assess the vocational needs of the students at the Gila River Career Center. Objectives will include: (1) development of instruments for the acquisition of data from five sources--student trainees, faculty, counselors, administrators, and industry; (2) establishment of priorities relevant to improved educational training in the areas of auto body, automotive, clerical, carpentry, masonry, welding, drafting, radio, television, nurses' aides, culinary, and general studies; (3) establishment of a data base against which established priorities can be measured; and (4) development of a data base for use in followup studies against which changes in priorities can be measured. Sample representatives will be interviewed prior to the design of the instruments to insure that major issues will be examined. The data will be analyzed and the priorities of each group will be identified for the purposes of administrative decisionmaking.

VTP 2176

Title: Curriculum Development of Inter/Cross - Disciplinary Instruction.

Principal Investigator: Beverly Finch

Recipient Institution: Camp Verde High School, Camp Verde, Arizona 86322

Start - End Dates: July 1975 to September 1977

Annual Funding: \$12,017.50

Supporting Agency: Arizona State Department of Public Instruction, Phoenix, Arizona 85007

Contract and/or Control No.: No data

Summary of Project: This project seeks to design, develop, and implement a comprehensive interrelated disciplinary curriculum for instruction in the combined fields of academic, career, and vocational education as it relates to the small, isolated, rural school. Camp Verde High School will build and provide a pilot model for the ninth grade in the three combined areas of education. The model will include: teacher interrelated discipline curriculum guides; curriculum materials providing interdisciplinary instruction; testing instruments designed to measure academic performance, career awareness, and vocational preparation; and increased cooperation and coordination of teaching personnel in combining all disciplines. Contingent upon 1976-77 funds the program will be continued and expanded into the 10th, 11th, and 12th grades.

VTP 2177

Title: Health Occupations Needs Assessment for the Glendale Union High School District.

Principal Investigator: C.T. Schmidt

Recipient Institution: Thunderbird High School, Glendale Union High School District, Glendale, Arizona 85023

Start - End Dates: August 28, 1975 to June 4, 1976

Annual Funding: \$5,515.00

Supporting Agency: Arizona Department of Education, Division of Vocational Education, Research Coordinating Unit, Phoenix, Arizona 85007

Contract and/or Control No.: No data

Summary of Project: The goal of this project is to conduct a community and school needs assessment in Health Occupations and develop program recommendations. Based upon this assessment, an examination of other program models will be made to provide the Glendale Union High School District with recommendations for program development and implementation decisionmaking. Activities will include: (1) review of literature compared with objectives, (2) visitation of state health occupations programs, (3) development of assessment task force, (4) development of assessment instrument, (5) presentation of findings to school district, and (6) completion of final report.

VTP 2178

Title: Human Relations and the World of Work.

Principal Investigator: Everett Meyers

Recipient Institution: Buckeye Union High School, Buckeye, Arizona 85326

Start - End Dates: July 1975 to September 1976

Annual Funding: \$22,000.00

Supporting Agency: Arizona State Department of Public Instruction, Phoenix, Arizona 85007

Summary of Project: The focus of this project is to provide a comprehensive model in human personal development. Project objectives will emphasize the individual student; student self-management; and student internalization of authority, motivation, responsibility, and decisionmaking. It is the intention of this project to integrate K-12, special, vocational, career, general, and community education into an entire program suited to the needs of the individual student. School personnel will receive inservice training in the development of a program in human personal development. A structured program will be developed in human personal development and implemented in the Maricopa Special Service Consortium Schools.

VTP 2179

Title: Navajo Management Project.

Principal Investigator: No data

Recipient Institution: Monument Valley High School, Box A-7, Kayenta, Arizona 86033

Start - End Dates: July 1974 to September 1977

Annual Funding: \$7,700.00

Supporting Agency: Arizona State Department of Public Instruction, Phoenix, Arizona 85007

Contract and/or Control No.: No data

Summary of Project: The goal of this project is to provide academic, vocational, attitudinal, and managerial skills to participants in six classes of the Monument Valley High School for the purpose of establishing six school businesses and the trained personnel to manage them. Selected 10th and 11th grade students will receive special instruction in attitudinal, academic, and career planning areas. All of the interested student body will be invited to participate in free enterprise activities as they relate to building trades, agriculture, auto mechanics, graphics, business procedures, merchandising, and home economics. This project will be integrated into the community through student enterprises, increased student participation in external businesses, and an increase in employment by student initiative.

VTP 2180

Title: A Needs Assessment and Task Analysis in Animal Science in Yuma County.Principal Investigator: David E. CoxRecipient Institution: Arizona Western College, Yuma, Arizona 85364Start - End Dates: July 1, 1975 to June 30, 1976Annual Funding: \$4,845.00Supporting Agency: Arizona Department of Education, 1535 West Jefferson Street, Phoenix, Arizona 85007Contract and/or Control No.: No data

Summary of Project: This project will conduct a needs assessment and task analysis in animal science for agricultural employment in Yuma County. The livestock producers will be identified and interviewed to determine: (1) how many persons needing knowledge and skill in agriculture are employed, (2) how many persons needing knowledge and skill in agriculture are anticipated, and (3) what tasks the employee performs. The employees will then be contacted to determine their views relative to the knowledge and skills they actually use. The data gathered will be disseminated to all postsecondary educational agencies in Arizona. Arizona Western College will use the data gathered to evaluate the ongoing animal science program and re-organize that program based upon the competencies identified in the project.

VTP 2181

Title: Research and Analysis of Competencies Needed by Bilingual Teacher Aides.Principal Investigator: Bertha H. LandrumRecipient Institution: Mesa Community College, Mesa, Arizona 85202Start - End Dates: July 1, 1975 to June 30, 1976Annual Funding: \$9,665.00Supporting Agency: Arizona Department of Education, 1535 West Jefferson Street, Phoenix, Arizona 85007Contract and/or Control No.: No data

Summary of Project: This project will assess the competencies necessary for teacher aides to perform competently in the bilingual teaching situation under the direction of the supervising teacher. The competencies will be identified and isolated through field research methods of structured interviews with aides, teachers, and program coordinators and through task analyses of the on-the-job activities of bilingual aides obtained in standardized observations. Levels of minimal performance criterion will be associated with each competency identified. The competencies (grouped into rational and related areas) along with performance levels will be published in a source book for educators of Bilingual Aides. A review of the current instructional materials, helpful in teaching for achievement of the defined competencies will also be included in the source book. Those competencies for which training materials are lacking will be noted and suggested, as an area for instructional materials development.

VTP 2182

Title: Self-Management for the Transitional Student.Principal Investigator: Jesse U. DeVaneyRecipient Institution: Eastern Arizona College, Thatcher, Arizona 85552Start - End Dates: July 1975 to September 1977Annual Funding: \$16,700.00



Supporting Agency: Arizona State Department of Public Instruction, Phoenix, Arizona 85007

Contract and/or Control No.: No data

Summary of Project: During 1975-76, Eastern Arizona College (EAC) will provide opportunities and resources for transitional students (college freshmen and high school seniors) to develop the skills for becoming good self-managers in academic, career, and personal development areas. EAC will design a self-management course to help students develop self-knowledge and accept personal responsibility for decisionmaking, the success of which will be evidenced by completed course outlines, class enrollments, and student performance. Ten videotapes, a teacher/counselor facilitation guide, and a student orientation guide will be developed covering the areas of goal setting, self-concept, time competency, follow through, self-discipline, use of personal potential, and creative maturity.

VTP 2183

Title: Student Dinner Theater.

Principal Investigator: Tim Sheehan

Recipient Institution: Paradise Valley Schools #217, 3012 E. Greenway Road, Phoenix 85032

Start - End Dates: July 1975 to September 1976

Annual Funding: \$12,500.00

Supporting Agency: Arizona State Department of Public Instruction, Phoenix, Arizona 85007

Contract and/or Control No.: No data

Summary of Project: This project will develop an interdisciplinary program of performing arts and food service that will provide experiences for secondary students in Dinner Theater Production. Further, students will have the opportunity to use such career skills as carpentry, electrical work, food preparation, sewing, and design, using a dinner theater as a training vehicle. Objectives include: (1) produce, direct, and present a theatrical performance; (2) plan, prepare, and serve a dinner theater buffet; and (3) students will gain knowledge of careers in dinner theater production and related areas. Procedures will include: (1) lectures and group activities on solo performances, group performances, costuming, design, and audio-electric methods; (2) home economics instruction and field trips in the areas of whole-sale marketing, nutrition, and food preparation and service; and (3) student discussion and field trips concerning dinner theater production.

VTP 2184

Title: Mini Grants for Local Action Oriented Research to Improve Vocational-Technical Education in Arkansas.

Principal Investigator: Jack D. Nichols

Recipient Institution: Arkansas Department of Education, Little Rock, Arkansas 72201

Start - End Dates: September 15, 1975 to June 30, 1976

Annual Funding: \$10,000.00

Supporting Agency: Arkansas State Department of Education, Little Rock, Arkansas 72201

Contract and/or Control No.: No data

Summary of Project: The purpose of the minigrant program is to discover ways to improve local vocational programs in Arkansas. More specifically, the objectives of the minigrants will be to: (1) put into action new and innovative ideas, (2) encourage teacher involvement in action research, (3) provide nominal financial support to test these ideas, and (4) obtain tested results to disseminate to other teachers in the state. Guidelines and applications will be mailed to all school superintendents and vocational teachers regarding the minigrant program. The minigrants, not to exceed \$750.00, will be awarded to local school districts in the name of the investigator who has an innovative idea, but needs some money to put it into operation. A brief proposal will be submitted by the investigator describing the activity. The proposal will include: (1) a statement of the problem or need, (2) objectives to be accomplished, (3) procedures or activities to be involved, (4) procedures for evaluating the activity, (5) expected outcomes of the activity, and (6) endorsement of school administrator(s). Proposals for minigrant projects will be accepted until funds are exhausted or there is insufficient time to carry out the proposed activity.

VTP 2185

Title: Career Education--A Process of Attitude Change (Continuation),

Principal Investigator: Howard N. Acott

Recipient Institution: San Juan Basin Area Vocational School, Cortez, Colorado 81321

Start - End Dates: July 1, 1975 to July 1, 1976

Annual Funding: \$17,500.00

Supporting Agency: Colorado State Department of Education, Denver, Colorado 80203

Contract and/or Control No.: No data

Summary of Project: This project was originally designed to form a regional consortium of school districts in Colorado. It is being continued to further emphasize positive attitude change through the implementation of career education into existing learning activities. Students will be provided with experiences that will make subject matter more relevant to life and work. A block program, community involvement, and changes in classroom structure and techniques will be utilized to accomplish this objective. Career awareness programs are being developed to enhance positive attitudes toward work and workers at the elementary level. A comprehensive career exploration program and indepth preparation activities are also being developed to provide students with knowledge of occupational classifications and clusters, arrive at tentative career choices, develop an entry-level skill, and positive attitudes toward fellow workers, employers, and the job itself.

VTP 2186

Title: Career Education Implementation Project (Continuation).

Principal Investigator: Charles J. Mackey

Recipient Institution: Denver Public Schools, 414 - 14th Street, Denver, Colorado 80202

Start - End Dates: July 1, 1975 to July 1, 1976

Annual Funding: \$39,026.50

Supporting Agency: Colorado State Department of Education, Denver, Colorado. 80202

Contract and/or Control No.: No data

Summary of Project: This project is being continued to acquaint teachers in the Denver Public School System with career education concepts and methods for implementing these concepts in various classes. The objective will be to involve 300 teachers in workshops and/or provide resource assistance. District-wide workshops will be offered at schools throughout the area and college credit workshops will be held during the school year and summer. Teachers will be trained in the development of curriculum materials, use of resource materials, and opportunities available to students through the existing curriculum.

VTP 2187

Title: Exemplary Programs for Small Schools -- Business and Office Education.

Principal Investigator: Ken Spooner

Recipient Institution: University of Northern Colorado, Greeley, Colorado 80639

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$17,500.00

Supporting Agency: Colorado State Department of Education, Denver, Colorado 80203

Contract and/or Control No.: No data

Summary of Project: This project is designed to help students in small-sized schools accomplish work competency skills which are competitive with students from larger schools in a shorter time period, with assistance from the Automated Instruction Typing Program and Office Laboratory Simulation. Activities will include: (1) installation of the Automated Instruction Total Touch Typing System, (2) implementation of an Office Laboratory Simulation Area, (3) implementation of a model that can be used by other small schools to recruit students into vocational business and office programs, (4) develop materials for use in middle-sized schools to provide students with work competency skills, (5) develop a student placement system, and (6) develop a model for use by university business teacher education majors in working with high school students.

VTP 2188

Title: Exemplary Project in Career Education (Continuation).

Principal Investigators: Herbert Oman and Alfred Renzelman

Recipient Institution: Northeast Colorado Board of Cooperative Services, Haxtun, Colorado 80731

Start - End Dates: July 1, 1975 to July 1, 1976

Annual Funding: \$20,000.00

Supporting Agency: Colorado State Department of Education, Denver Colorado 80203

Contract and/or Control No.: No data

Summary of Project: During the first two years of this project, career education has been developed to fit within the local school organization and staffing patterns with a minimum of modification and restructuring. Emphasis will now be placed on the following innovative measures: (1) in-service will be provided for teachers through courses, workshops, and meetings in various locations in the BOCES area; (2) career awareness activities

will be developed and shared among elementary schools; (3) junior high instructors will receive career exploration materials to aid in classroom activities; (4) senior high school students will be given vocational preparation opportunities; (5) development of placement and followup services and career resource centers; and (6) vocational guidance services for all students.

VTP 2189

Title: Lifestyle Instructional Strategies for Teachers--A Career Education Cluster Project.

Principal Investigator: Bill R. Pugh

Recipient Institution: San Juan BOCS, Durango, Colorado 81301

Start - End Dates: July 1, 1975 to July 1, 1976

Annual Funding: \$31,424.00

Supporting Agency: Colorado State Department of Education, Denver, Colorado 80203

Contract and/or Control No.: No data

Summary of Project: The intent of this project is to involve as many 7-12 teachers, students, and administrators as possible in a comprehensive career education process. Initial work has been done at the junior high level. Emphasis will now be given to: (1) training four teacher-consultant cadres to assist their school districts with inservice training, utilization of resources, and curriculum modifications; (2) continued acquisition of career education media/materials for classroom use; (3) teacher-developed resource materials, hands-on experiences, and guest speakers; and (4) the development of a cataloging system to process teacher requests for materials and services.

VTP 2190

Title: Computerized Guidance Information System.

Principal Investigator: Jimmy Wiggins

Recipient Institution: Department of Public Instruction, Dover, Delaware 19901

Start - End Dates: July 1975 to June 1976

Annual Funding: \$9,334.00

Supporting Agency: Department of Public Instruction, Instructional Services Branch, Vocational Education Division, Dover, Delaware 19901

Contract and/or Control No.: No data

Summary of Project: An occupational information system will be leased to develop an interactive student guidance system that will provide approximately 11,400 students with information on: (1) 1,300 occupations from the 15 occupational clusters identified by the U.S. Office of Education, (2) 1,200 four-year colleges, (3) 800 two-year colleges, and (4) financial aid information. This information would be immediately accessible to 19 schools that presently have computer terminals and would also be available to any other schools leasing a terminal in the future. All public school counseling personnel will be trained in the use of the computerized guidance system, and a student survey will be constructed and administered to determine the worth of the program from the consumer's viewpoint.

VTP 2191

Title: The District Level of the Career Education Consortium Project  
Funded Through the U.S. Commissioner's Discretionary Exemplary Funds  
(Continuation).

Principal Investigator: C.A. Bellum

Recipient Institution: School Board of Sarasota County, Sarasota, Florida

Start - End Dates: July 1975 to June 1976

Annual Funding: \$39,000.00

Supporting Agency: The Vocational, Technical and Adult Education Division,  
Tallahassee, Florida 32304

Contract and/or Control No.: D6-002

Summary of Project: This project is being continued to provide further support for district level career education as a component of the Post-Secondary Career Education Consortium project in Sarasota County, Florida. Objectives will be to: (1) extend the integration of career education concepts into grades 10, 11, and 12; (2) provide resources to these grade levels; (3) provide specialist assistance at the high school; (4) provide complete placement services to all students; (5) further identify and assist early school leavers; and (6) collect school data to provide feedback for curriculum improvement. Procedures will include: (1) an increase in career education personnel to assist pilot schools and teachers in the use of career education materials, and (2) an increase in placement and followup services personnel.

VTP 2192

Title: The District Level of the Career Education Consortium Project  
Funded Through the U.S. Commissioner's Discretionary Exemplary Funds  
(Continuation).

Principal Investigator: Raymond Lee

Recipient Institution: School Board of Manatee County, P.O. Box 2069,  
Bradenton, Florida 35505.

Start - End Dates: July 1975 to June 1976

Annual Funding: \$39,000.00

Supporting Agency: The Vocational, Technical and Adult Education Division,  
Tallahassee, Florida 32304

Contract and/or Control No.: D6-001

Summary of Project: This project is being continued to provide further support for district level career education as a component of the Post-Secondary Career Education project in Manatee County, Florida. Objectives will be to: (1) extend the integration of career education concepts into grades 10, 11, and 12; (2) provide resources to these grade levels; (3) provide specialist assistance at the high school; (4) provide complete placement services to all students; (5) further identify and assist early school leavers; and (6) collect school data to provide feedback for curriculum improvement. Procedures will include: (1) an increase in career education personnel to assist pilot schools and teachers in the use of career education materials, and (2) an increase in placement and followup services personnel.



VTP 2193

Title: C.O.H.O.M.E. - Career Occupational Home Living Opportunities Through Mobile Education.

Principal Investigators: Jeffrey L. Heier and Roger Kryder

Recipient Institution: Four County Area Vocational Cooperative, 701 East Houston Street, Garrett, Indiana 46738

Start - End Dates: July 1975 to June 30, 1976

Annual Funding: \$11,940.00

Supporting Agency: Indiana State Department of Public Instruction, Indianapolis, Indiana 46204

Contract and/or Control No.: No data

Summary of Project: The purpose of the first year of this projected three-year program is to offer coordinated vocational guidance, career awareness materials, vocational placement services, and ancillary services to all vocationally disadvantaged and handicapped students in 12 school corporations within a 1400 mile radius. The Four County Area Vocational Cooperative and The Northeast Indiana Special Education Cooperative have combined efforts to design and develop a mobile unit with the handicapped student in mind. The mobile unit has been constructed to meet project objectives which include: (1) a realistic atmosphere conducive to acquiring basic living and working skills, (2) onsite intensive vocational counseling, (3) instructional materials for career decisionmaking, (4) placement services, and (5) guidance and career information to evening adult basic education clients. A career awareness materials center is being developed and inservice vocational guidance and placement services training is being provided for resource persons.

VTP 2194

Title: FEAT: Fire Education and Training.

Principal Investigators: James Clevenger and Ray Paskell

Recipient Institution: Michigan City Area Vocational School, Michigan City, Indiana 46360

Start - End Dates: June 1, 1975 to May 31, 1976

Annual Funding: \$625.00

Supporting Agency: Indiana State Department of Public Instruction, Division of Vocational Education, 120 W. Market Street, 16th Floor, Indianapolis, Indiana 46204

Contract and/or Control No.: No data

Summary of Project: This project will provide a library of instructional and audiovisual materials and develop a curriculum guide for the purpose of training members of volunteer fire departments in LaPorte County. These materials will be made available to volunteer fire departments to establish fire service training programs. A central library of software (films, film strips, transparencies, etc.) relating to fire service training will be established and maintained. Data will be collected as to usage (which locales and materials). The Long Beach Volunteer Fire Department will provide followup studies and will assist other locales that have not taken full advantage of these materials to implement a training program utilizing the instructional and visual materials.

VTP 2195

Title: Needs Assessment for Area VI.Principal Investigator: Gary WeesnerRecipient Institution: Marion Community Schools, Marion, Indiana 46952Start - End Dates: July 1, 1975 to June 30, 1976Annual Funding: \$30,700.00Supporting Agency: Indiana State Department of Public Instruction,  
Division of Vocational Education, 120 W. Market Street, 16th Floor,  
Indianapolis, Indiana 46204Contract and/or Control No.: No data

Summary of Project: Based on recommendations made by a technical assistance team from the U.S. Office of Education, this project has been initiated to obtain more usable manpower data for use in a coordinated educational planning effort in Indiana. Objectives will include: (1) planning and designing a system of data collection; (2) testing the system in one of the 14 planning regions, utilizing research consultants from Ball State, Purdue, Indiana, Indiana State, and Vincennes Universities and Indiana Vocational Technical College; (3) an evaluation and comparison of these data with other sources to determine validity and reliability of the system; (4) developing a system for utilization of these data by local school systems in planning functions; and (5) report to the State Board for Vocational and Technical Education to recommend a final system of manpower needs assessment for use in a statewide planning effort. Research will be conducted and several methods tested to determine the most useful system. After completion of the survey, using the six planned resource institutions, it will be administered and evaluated for use in the remaining 13 regions. Findings will be published and disseminated to local schools on a statewide basis.

VTP 2196

Title: Placement Service Model.Principal Investigator: Delbert E. LewisRecipient Institution: Mid-Central Area Vocational School, Elwood  
Community School Corporation, Elwood, Indiana 46036Start - End Dates: July 1, 1975 to June 30, 1976Annual Funding: \$5,832.00Supporting Agency: Indiana State Department of Public Instruction,  
Indianapolis, Indiana 46204Contract and/or Control No.: No data

Summary of Project: This model is designed to serve any and all vocational placements at the LEA level. Objectives will be to: (1) provide a vehicle for job availability for graduates who have developed skills and job competencies; (2) provide a needs assessment for individual program evaluation; (3) serve the local and area employment needs of the community; and (4) field test the model. Procedures will include: (1) selection of an advisory committee from among the Personnel Directors in the area and (2) accurate and up-to-date records on students and graduates regarding special skills, work habits, recommendations, work experience (cooperative program), and anecdotal records.

VTP 2197

Title: Identifying Upgrading Training Needs and Developing Training Courses for Water and Wastewater Treatment Operators in the State of Iowa.

Principal Investigator: Larry F. Willis

Recipient Institution: Kirkwood Community College, Cedar Rapids, Iowa 52406

Start - End Dates: August 1, 1975 to June 30, 1976

Annual Funding: \$15,000.00

Supporting Agency: Iowa State Department of Public Instruction, Des Moines, Iowa 50319

Contract and/or Control No.: No data

Summary of Project: The objective of this project is to develop and field test 10 upgrading courses of which four will be put into module form. Subject matter for the courses will include operator mathematics, plant electricity and power controls, laboratory procedures, chlorination, plant management, occupational health and safety for water and waste plants, pump operation and maintenance, general equipment maintenance, laboratory testing procedures, and waste stabilization lagoons. Previous studies will be reviewed and a needs assessment tool developed to gauge present curriculum requirements. A task analysis, by state survey, will be performed to identify necessary competencies, and a field test of the courses will be performed at the Kirkwood Community College Wastewater Treatment Center.

VTP 2198

Title: A Demonstration School Site Program in Vocational Education for Kentucky.

Principal Investigators: E. Norman Sims, Lou Perry, and Robert M. Schneider

Recipient Institution: Bureau of Vocational Education, Frankfort, Kentucky 40601

Start - End Dates: September 1, 1975 to August 31, 1976

Annual Funding: \$4,000.00

Supporting Agency: Kentucky State Department of Education, Frankfort, Kentucky 40601

Contract and/or Control No.: No data

Summary of Project: The demonstration school site program will have as its goal the development of a program which will identify innovative programs and practices in Kentucky vocational education for use as demonstration sites. The objective is to establish procedures for implementation of a model which will link local innovators to the client public. A demonstration school network, composed of programs and practices which are innovative in nature, will be conducted cooperatively by the Bureau of Vocational Education and the Division of Demonstration. To meet the above objective, the following procedures will be implemented: (1) a committee of 15 will be selected from the Bureau of Vocational Education to develop program selection criteria; (2) requests for program nominations will be mailed to Vocational Regional Directors and Program Coordinators, Superintendents, Vocational Teacher Educators, PDD Personnel, Vocational School Principals and Center Coordinators, and the public media;

(3) application forms will be sent to nominated programs and reviewed and selected by review teams; (4) selected programs will be notified and supplied with necessary materials for preparation of site; (5) programs will be abstracted and indexed; and (6) sites will be prepared and materials completed.

VTP 2199

Title: Development of a Model Research and Development Information Dissemination Program for the Kentucky Bureau of Vocational Education: An Omnibus Plan.

Principal Investigator: E. Norman Sims

Recipient Institution: Kentucky Bureau of Vocational Education, Frankfort, Kentucky 40601

Start - End Dates: September 1975 to August 1976

Annual Funding: \$23,564.00

Supporting Agency: Kentucky State Department of Education, Frankfort, Kentucky 40601

Contract and/or Control No.: No data

Summary of Project: This project seeks to devise and implement a model for the dissemination of vocational education information which will utilize a multi-level approach to getting products of research to the final user. This program is based upon the model developed by Ernst and Yovits: Acquisition-Dissemination-Decisionmaking-Execution-Transformation. A program to increase awareness at the local level will be implemented through a series of workshops to develop change agents at the local level and by awarding minigrants at this same level to allow vocational schools, centers, and regional staffs to develop innovative programs. A second goal is the development of interest activities at the state level. To achieve this, a yearbook of all projects conducted will be compiled, an R&D newsletter for vocational educators will be developed, mini-conferences on issues in vocational education will be held, and a quarterly journal of vocational education R&D information will be published as well as three volumes of the Bureau of Vocational Education Research in Vocational Education Series.

VTP 2200

Title: Effects of a Program of Career Education in the Hazard Region - Phase II.

Principal Investigators: Clayton Omvig and B. Glen Davis

Recipient Institution: University of Kentucky, Lexington, Kentucky 40506

Start - End Dates: August 8, 1975 to June 30, 1975

Annual Funding: \$5,000.00

Supporting Agency: Kentucky State Department of Education, Frankfort, Kentucky 40601

Summary of Project: The goal of this project is to provide a research-based evaluation of the Hazard Career Education project in order to identify implications for other local or regional career education projects. The objectives are in two components. Professional development will assess staff effectiveness in implementing career education and will identify staff characteristics, techniques, strategies, and problems affecting staff performance. The student component will assess the effects of career education programs, services, and activities on students. The professional

staff development component will use the questionnaire approach in the collection of data supplemented by personal interviews. The data will be cross-tabulated by sex, age, and level taught. The student component will employ a control group/experimental group design and data will be collected on eight student variables. Analysis of variance will be used to determine significant differences in student variables.

VTP 2201

Title: Evaluation of Equipment Needed to Field Test Competency Based Individualized Instruction Materials.

Principal Investigators: Bruce Carpenter and Robert M. Schneider

Recipient Institution: University of Kentucky, Lexington, Kentucky 40506

Start - End Dates: August 22, 1975 to June 30, 1976

Annual Funding: \$20,000.00

Supporting Agency: Kentucky State Department of Education, Frankfort, Kentucky 40601

Contract and/or Control No.: No data

Summary of Project: The goal of the project is to identify and evaluate equipment needed to implement competency-based individualized instructional programs. The objectives are as follows: (1) to identify and provide basic equipment needed in a learning laboratory; (2) to identify and provide specific pieces of equipment needed to field test competency based individualized materials in ten vocational areas; and (3) to evaluate the equipment provided in terms of need and value to the implementation of the competency based individualized program. Procedures will include: (1) cataloging objectives and criterion-referenced measures developed by Kentucky and other consortium states; (2) production of a handbook to assist in the development of competency-based instructional materials; (3) in-service education for individuals in the production process; (4) a two-month workshop for materials development; (5) site selection for field testing and evaluation; and (6) identification of specific items of equipment needed for proper testing of the materials.

VTP 2202

Title: An Evaluation of the Resource Development Unit of the Kentucky Bureau of Vocational Education.

Principal Investigators: Robert E. Taylor, N.L. McCaslin, and B. Glen Davis

Recipient Institution: The Ohio State University, Columbus, Ohio 43210

Start - End Dates: October 1, 1975 to June 15, 1976

Annual Funding: \$16,994.00

Supporting Agency: Kentucky State Department of Education, Frankfort, Kentucky 40601

Contract and/or Control No.: No data

Summary of Project: It is the purpose of this study to present a scope of work for evaluating the impact of research and development projects funded by the Resource Development Unit since 1970 on vocational education in Kentucky. The objectives for this work will be to: (1) determine the degree to which Kentucky educators perceive that the RDU has



met its goals; (2) establish a system for categorizing research and exemplary projects funded by the RDU; (3) determine the awareness level of Kentucky education personnel toward each category of research and exemplary projects and the degree of impact that each category has had on education (4) determine the percentage of resources that the state and local schools contribute to funded and nonfunded research and exemplary efforts in vocational education; (5) determine the extent to which funded research and exemplary projects continue to operate; (6) determine characteristics that tend to distinguish projects with higher impact from those with lower impact; and (7) determine the attitude of project directors toward the selection, monitoring, and dissemination activities conducted by the RDU for research and exemplary activities. This work will be conducted in six phases: (1) review and summary of RDU funded projects, (2) prepare instruments, (3) collect data, (4) analyze data, (5) review RDU, and (6) prepare final report.

## VTP 2203

Title: Identification of Professional Competencies Needed by Vocational Administrators in Kentucky,

Principal Investigators: Carl E. Hurley and James Masterson

Recipient Institution: Department of Industrial Education and Technology, Eastern Kentucky University, Richmond, Kentucky 40475

Start - End Dates: August 15, 1975 to December 31, 1976

Annual Funding: \$8,989.00

Supporting Agency: Kentucky State Bureau of Vocational Education, Frankfort, Kentucky 40601

Contract and/or Control No.: No data

Summary of Project: This study will compile information necessary for the development of a competency-based certification program for vocational administrators, who hold the following positions in Kentucky: Regional Director, Regional Program Coordinator, Regional Industrial Coordinator, Principal of a State Vocational-Technical School, Night Principal of a State Vocational-Technical School, and Coordinator of an Area Vocational Education Center. The project will be a subproject of V-TECS. A search of related literature will be conducted and the results used to develop an occupational tasklist for administrators. The six administrators will be surveyed on this tasklist and the survey data will be analyzed. A Field Test Catalog of performance objectives and criterion-referenced measures for vocational administrators will then be developed. Upon revision, a final catalog for program and curriculum developers will be issued.

## VTP 2204

Title: COPE: Career Opportunity Placement and Evaluation.

Principal Investigator: Carl Helms

Recipient Institution: Biddeford School Department, Maplewood Avenue, Biddeford, Maine 04005

Start - End Dates: July 1975 to June 1976

Annual Funding: \$27,000.00

Supporting Agency: Bureau of Vocational Education, Augusta, Maine 04330

Contract and/or Control No.: No data

Summary of Project: Intended as a year-round job placement service for all terminal students, this project will initially concentrate on high school seniors and dropouts at Biddeford High School. The objectives of the project will include: (1) operation of an educational component that will offer a classroom-practicum experience to all exiting students enabling them to obtain and retain employment; (2) development of communication among business, industry, the Maine Department of Manpower Affairs, and other service agencies to facilitate exiting students in entering the job market; and (3) establishment of placement and followup services. Classes are planned to assist the student in acquiring job seeking skills, understanding abilities and interests, and ways to keep or leave a job. Supplementary testing will be done for each student. Potential employers will be contacted to explore job opportunities, and once students are placed, followup services will be provided.

VTP 2205

Title: Implementing High School Teaching Strategies on a Workers' Guide to Labor Law.

Principal Investigator: Charles J. O'Leary

Recipient Institution: University of Maine, Orono, Maine 04473

Start - End Dates: September 1975 to June 1976

Annual Funding: \$3,000.00

Supporting Agency: Bureau of Vocational Education, Augusta, Maine 04330

Contract and/or Control No.: No data

Summary of Project: The implementation of this project will serve to develop a new approach to vocational education in Maine by presenting high school students with information necessary for dealing with potential or current labor problems. The objectives will be to: (1) conduct 11 exemplary model labor law programs for high school students and social studies teachers in the areas of Biddeford, Portland, Augusta, Waterville, Rumford, Brunswick, Bangor, Calais, Skowhegan, Caribou, and Sanford; (2) design these programs to serve as basic teaching models for use by teachers in the instruction of high school students on labor law; and (3) publish and distribute A Workers' Guide to Labor Law for student and teacher use and a teachers' manual of the same title. The material included in the program will be national and state labor legislation and workers' benefits and rights. A pretest and posttest will be designed to measure the effectiveness of the program.

VTP 2206

Title: Integration of the Career Education Concepts into the Secondary English Curriculum.

Principal Investigator: George H. MacLeod

Recipient Institution: Board of Education, South Portland, Maine 04106

Start - End Dates: September 1, 1975 to June 30, 1975

Annual Funding: \$10,000.00

Supporting Agency: Bureau of Vocational Education, Augusta, Maine 04330

Contract and/or Control No.: No data

Summary of Project: This second of a three-year career education project in South Portland will focus upon completing the development of a secondary English curriculum that has been integrated with career education concepts. Objectives will be as follows: (1) assist and support teachers in testing,

evaluating, and implementing the new curriculum; (2) provide teachers with inservice training and materials; (3) provide documentation of field testing and unit evaluation; (4) establish liaison between English and Guidance departments; and (5) publish a document of revised English curriculum. To accomplish these objectives, an instructor, Mrs. Mary Cruise, will be released from classroom duties and work full time to assist teachers and counselors in testing, evaluating, and implementing the curriculum. Mrs. Cruise also will accumulate, write, and edit the proposed document which will consist of three parts: process, secondary English curriculum outline, and suggested units and activities for each grade level. Further, Mrs. Cruise will document all stages of the project.

VTP 2207

Title: Job Development, Placement and Follow-up.

Principal Investigator: Kenneth Jordan

Recipient Institution: Lewiston School Department, Lewiston, Maine 04240

Start - End Dates: July 1975 to June 1976

Annual Funding: \$6,000.00

Supporting Agency: Bureau of Vocational Education, Augusta, Maine 04330

Contract and/or Control No.: No data

Summary of Project: To provide placement and followup services for all Lewiston High School students is the focus of this project. Specifically, the objectives will be to: (1) establish job development, placement, and followup services; (2) provide pre-employment instruction, counseling, and guidance; (3) offer placement services to all students prior to graduation; (4) establish liaison with business and industry in the development of job requirements and openings for both graduates and early exiting students; (5) cooperate with local state employment agencies in developing job opportunities; (6) establish and maintain an up-to-date directory for all interest and ability levels; (7) counsel early exiting students regarding job and vocational opportunities and adult education programs; and (8) establish a system of followup and evaluation. Procedures will include: (1) assessing the student's readiness for employment and preparing the individual for finding and keeping a job; (2) screening and referring students to positions made available through the job development aspect of the project; (3) developing job opportunities in and outside of the community; and (4) maintaining contact with all students for at least five years after departure from school.

VTP 2208

Title: Lewiston Modular Curriculum Development.

Principal Investigator: Kenneth Jordan

Recipient Institution: Lewiston School Department, Lewiston, Maine 04240

Start - End Dates: July 1975 to June 1976

Annual Funding: \$26,000.00

Supporting Agency: Bureau of Vocational Education, Augusta, Maine 04330

Contract and/or Control No.: No data

Summary of Project: Teacher-developed individualized instructional packages, encompassing a wide range of subject matter, were developed

during the 1974-75 school year at Lewiston High School. The goals of this year's project will be to refine and implement these materials to: (1) increase student learning opportunities; (2) upgrade the curriculum; (3) continue teacher training in curriculum development, utilizing video learning and other innovative media processes; and (4) develop a pilot program. Procedures will be to: (1) define priorities regarding the need for packages in specific areas; (2) develop and implement packages based on established priorities; (3) refine and continue monitoring/evaluation procedures; (4) place emphasis on in-house productions to meet Video Learning System requirements; and (5) establish package interchange and dissemination.

VTP 2209

Title: A Proposal to Determine the Needs of Non-Hearing Individuals in Regular Vocational Courses.

Principal Investigator: Jim Hunt

Recipient Institution: Lake Area Vocational Center, Devils Lake, North Dakota 58301

Start - End Dates: August 1975 to May 1976

Annual Funding: \$19,525.00

Supporting Agency: North Dakota State Board for Vocational Education, Bismarck, North Dakota 58501

Summary of Project: During the 1975-76 school year, 27 students from the North Dakota School for the Deaf will be enrolled in seven vocational programs at the new multidistrict Vocational Technical Center in Devils Lake. The purpose of this project is to enhance the achievement of deaf students in vocational programs. Project concentration will be three areas: (1) to provide inservice training to the vocational staff; (2) to provide tutor-interpreters for deaf students, and (3) to provide special class settings for students with adjustment problems. Class settings will be established to provide students with maximum opportunities and will include: regular classes, individualized instruction within regular classes, vocational classes especially designed for the deaf, and exploratory activities.

VTP 2210

Title: A Comparison of Work Values Held by Students, Parents, and Teachers.

Principal Investigator: Walter Mietus

Recipient Institution: University of Maryland, College Park, Maryland 20742

Start - End Dates: December 1974 to December 1975

Annual Funding: \$14,624.00

Supporting Agency: Maryland State Department of Education, Division of Vocational-Technical Education, Baltimore, Maryland 21201

Contract and/or Control No.: No data

Summary of Project: This project seeks to compare the work values of students, parents, teachers, and counselors at the 10th, 11th, and 12th grade levels of selected high schools in Maryland as an aid in implementing career education. The objectives are to: (1) develop an instrument to measure adherence to the work ethic; (2) compare adherence to the work

ethic between groups and (3) study relationships between work values of teachers and counselors and the concepts of career education. Test items will be developed reflecting work values and will be administered to each group.

## VTP 2211

Title: Performance-Based Instructional Resource Project (PIR).

Principal Investigators: Gerald F. Day and Dennis Herschbach

Recipient Institution: Industrial Education Department, University of Maryland

Start - End Dates: July 1975 to June 1976

Annual Funding: No data

Supporting Agency: Maryland State Department of Education, Division of Vocational Education, Baltimore, Maryland 21201

Contract and/or Control No.: No data

Summary of Project: This project is designed to (1) conduct extensive state-of-the-art reviews of literature dealing with performance-based instruction in seven occupational areas--graphic arts, electronics, electricity, auto mechanics, auto body and fender, machine shop, and drafting; (2) analyze and synthesize current and valid task analyses and inventories in the seven areas; (3) publish seven resource guides containing occupational information, curriculum materials, and instructional materials listings; (4) write performance objectives, based on valid task analyses, in the seven areas. State departments of education, trade associations, professional societies, state and federal agencies, colleges and universities, and other sources will be contacted to gather current related information in the field of performance-based occupational education. Books, periodicals, papers, dissertations, and other related literature will be examined in order to become familiar with the current state-of-the-art. All literature received will be analyzed and synthesized in order to generate valid task analyses of the seven areas. Based on the task analyses, performance objectives will be written in the seven occupational areas. Teacher workshops will be held in order to distribute and explain the use of the resource guides and performance objectives. Teachers will be asked to analyze their present curriculums and update them if need be.

## VTP 2212

Title: Individualized Performance Based Curriculum at the Minneapolis Area Vocational-Technical Institute.

Principal Investigators: Floyd L. Anderson and Craig N. Froke

Recipient Institution: Minneapolis Public Schools, 807 N.E. Broadway, Minneapolis, Minnesota 55413

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$25,000.00

Supporting Agency: Minnesota State Department of Education, St. Paul, Minnesota 55101

Contract and/or Control No.: No data



Summary of Project: The objectives for the third year of project operations will include: (1) use of the modified organizational model for program development, (2) development of curriculum based on accepted criteria for industrial employment, (3) establishment of contracts with teachers for curriculum development, (4) teacher training for the development process, and (5) organization of a curriculum resource center. Procedures will include: (1) industrial surveys to ascertain employment competencies, (2) inservice training in methods and techniques of performance-based curriculum implementation, and (3) teacher contracts to conduct task analysis and develop behavioral objectives and delivery systems.

VTP 2213

Title: Minnesota Vocational Follow-Up System (Post-Secondary).

Principal Investigator: Melvin E. Johnson

Recipient Institution: National Computer Systems, Minneapolis, Minnesota

Start - End Dates: August 1975 to June 1976

Annual Funding: \$116,727.55

Supporting Agency: Minnesota State Department of Education, St. Paul, Minnesota 55101

Contract and/or Control No.: No data

Summary of Project: This project is designed to develop an operational Vocational Followup System which will interface with the existing data base. Report and review procedures will be established to inform state authorities of all activities. Four data collection instruments will be developed and distributed to all Area Vocational-Technical Institutes, and the resultant enrollment, termination, and followup data will be incorporated into the annual report. This report will contain the necessary narrative information for data interpretation and project implementation.

VTP 2214

Title: Research Coordinating Unit--Activity Proposal for Fiscal Year 1976.

Principal Investigators: Brandon B. Smith and George Copa

Recipient Institution: University of Minnesota, Minneapolis, Minnesota 55455

Start - End Dates: July 1975 to June 1976

Annual Funding: \$100,000.00

Supporting Agency: Minnesota State Department of Education, St. Paul, Minnesota 55101

Contract and/or Control No.: No data

Summary of Project: This study presents the plans of the Minnesota Research Coordinating Unit for 1976. Activities to be included are: (1) stimulate, facilitate, and coordinate innovative research and development efforts; (2) increase the number and improve the competencies of producers and consumers of career and/or vocational education research and related materials to assist in new developmental efforts and to facilitate the implementation of educational innovations; and (4) create knowledge and transportable products or procedures that have potential for long-range improvements in vocational and/or career education programs. Implementation procedures will include: (1) administering a coordinated system of state-funded research and development projects; (2) increase amount of state research and development

activity; (3) assist local agencies in all aspects of research and development projects; (4) maintain an up-to-date computerized research library, mailing list, and services; (5) increase availability of state research and development reports; (6) design a system for vocational programs planning; (7) develop, test, and make available procedures for assessing educational demands; and (8) develop training materials and management procedures for small businesses.

VTP 2215

Title: Secondary - Post Secondary Curriculum Articulation Project.

Principal Investigator: Laura Berger .

Recipient Institution: Minnesota Research Coordinating Unit for Vocational Education, University of Minnesota, Minneapolis, Minnesota 55455

Start - End Dates: July 1975 to June 1976

Annual Funding: \$34,904.30

Supporting Agency: Minnesota State Department of Education, St. Paul, Minnesota 55101

Contract and/or Control No.: No data

Summary of Project: In the three years preceding this project, a rationale and model for curriculum articulation have been developed, interview and job identifying methodologies established, and task lists compiled. The purposes of this project are to: (1) increase the competencies of state supervisors and teacher educators in working with the procedure for curriculum articulation, (2) field test and implement this procedure in two vocational areas in two school districts, and (3) conduct workshops for teachers to assist them in writing or developing instructional materials from task inventories. Procedures will include: (1) completion and validation of task inventories for auto mechanics and business and office education, (2) develop a competency based student record and management system for auto mechanics and business and office education, (3) assist state supervisors in expanding the articulation effort to other state locations, (4) conduct inservice training for state vocational supervisors and vocational education teachers, and (5) prepare materials to field test and implement the curriculum procedure in other vocational fields and schools.

VTP 2216

Title: Women in Non-Traditional Vocational Education,

Principal Investigator: Jane Preston

Recipient Institution: Division of Vocational-Technical Education, Minnesota Department of Education, St. Paul, Minnesota 55101

Start - End Dates: August 15, 1975 to August 14, 1976

Annual Funding: \$44,033.31

Supporting Agency: Minnesota State Department of Education, St. Paul, Minnesota 55101

Contract and/or Control No.: No data

Summary of Project: In the past, females have not enrolled in the non-traditional programs in the area vocational-technical institute in proportion to their number. It is the intent of this project to identify those variables that tend to limit their participation and to develop,

implement, and evaluate materials and procedures to remedy the situation. The objectives are as follows: (1) to increase within the female population an awareness of and knowledge about the occupational training opportunities in the state of Minnesota, and (2) to provide females with information concerning available postsecondary vocational-technical training opportunities. Procedures will include: (1) specific counseling services to special segments of the female population who have completed secondary education and/or re-entry into the labor market; (2) assistance in promoting a smooth transition between secondary and postsecondary educational endeavors; and (3) co-operation with other agencies in career development opportunities for females.

VTP 2217

Title: Preparation and Testing of Career Education Modules for Teacher and Counselor Education.

Principal Investigator: Norman C. Gysbers

Recipient Institution: University of Missouri, Columbia, Missouri 65201

Start - End Dates: September 1, 1975 to August 31, 1976

Annual Funding: \$38,828.00

Supporting Agency: Missouri State Department of Education, Jefferson City, Missouri 65101

Contract and/or Control No.: No data

Summary of Project: The objectives of this project will be to: (1) continue to develop, field test, revise and complete career education modules for instruction and guidance programs at the junior high school level; (2) identify and select career education concepts appropriate for instruction and guidance programs at the high school level; and (3) develop, field test, revise and complete career education modules for instruction and guidance programs at the senior high school level. National career education materials and other relevant literature will be reviewed to identify possible career education concepts applicable to junior high and senior high school instruction and guidance. Additional modules will be developed at the junior high school level. New modules will be developed for grades 10-12 based on the concepts and goals used at the elementary and junior high level to establish continuity between those and the senior high modules.

VTP 2218

Title: Development Program in Occupational Clusters.

Principal Investigator: John Giese

Recipient Institution: Missoula County High School, 915 South Avenue West, Missoula, Montana 59801

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$93,000.00

Supporting Agency: Montana State Department of Public Instruction, Helena, Montana 59601

Contract and/or Control No.: No data

Summary of Project: The purpose of this project is to modify and expand the present educational delivery system to better serve students from

grades K through 12 in the areas of career awareness, exploration, preparation, and guidance through a comprehensive systemized program. Specific activities have not, as yet, been identified. However, planned objectives include: (1) the development, pilot testing, and implementation of inservice awareness activities for grades K-6; (2) the development, pilot testing, and implementation of inservice self-awareness and decisionmaking activities for grade seven; (3) the development, pilot testing, and implementation of career exploration activities for grade eight; (4) development of seven career exploration courses for the ninth grade; (5) implementation and revision of these seven courses with emphasis on career clusters; (6) continued development and implementation of career development units for grades 9-12; and (7) the establishment of a career education resource center composed of teacher-developed and commercial materials.

VTP 2219

Title: The Montana Agricultural Manpower Research Project (Continuation).

Principal Investigator: No data

Recipient Institution: Montana State University, Bozeman, Montana 59715

Start - End Dates: 1974 to 1976

Annual Funding: \$24,500.00

Supporting Agency: Montana Office of Public Instruction, Helena, Montana 59601

Contract and/or Control No.: No data

Summary of Project: This project continuation is the fourth phase of an agricultural manpower research project which began in 1971-72. The preceding phases determined current and projected manpower needs; knowledge, skills, and attitudes needed by employees; and designed agricultural curriculums to meet these demands. Phase IV is designed to adjust the educational programs for improved agricultural education based on revised manpower and training requirements. Curriculum planners will establish core programs at the secondary and postsecondary levels. A symposium will be continued so that teachers may learn to use the data from existing manpower studies in the development of a state curriculum guide for use at the high school level.

VTP 2220

Title: Concord Career Education Project (Continuation).

Principal Investigator: David Morin

Recipient Institution: Superintendent's Office, 16 Rumford Street, Concord, New Hampshire

Start - End Dates: July 1, 1975 to December 31, 1975

Annual Funding: \$18,600.00

Supporting Agency: New Hampshire State Department of Education, Concord, New Hampshire 03301

Contract and/or Control No.: No data

Summary of Project: This is a continuation of the Concord Career Education Project which has served 5,300 K-12 students and 450 school staff members for two years. The objectives for the final six months of this project will include: (1) development of a sequential, coordinated curriculum for grades

one through six in woodworking, (2) increasing the amount of books and media housed by the project's resource center, (3) organization of 10 career education workshops/meetings/conferences involving one-half of the staff, (4) development of career education concepts through the funding of miniprojects within the classroom, and (5) establishment of a job opportunities program at the high school level. Procedures will include: (1) a staff-developed curriculum for the woodworking program, (2) purchasing of additional resource materials, (3) staff needs assessment for workshop participation, (4) selection and funding of class projects, and (5) job placement services established and coordinated with business and industry.

VTP 2221

Title: New Hampshire Model for Vocational Guidance, Counseling, Placement and Follow-Up Services.

Principal Investigators: Richard Gustafson and Josephine Hayslip

Recipient Institution: Keene State College, Keene, New Hampshire 03431

Start - End Dates: July 1975 to June 1976

Annual Funding: No data

Supporting Agency: New Hampshire State Department of Education, Concord, New Hampshire 03301

Contract and/or Control No: No data

Summary of Project: The objectives of this project are twofold: (1) to develop and test the New Hampshire Model Handbook and associated professional development training materials in a selected school district, and (2) to develop, test, implement, and disseminate with broad statewide involvement, the New Hampshire Model in Vocational Guidance, Counseling, Placement, and Followup Services. The staff of Monadnock Regional High School will work with project staff to develop and implement the handbook. Following this implementation, an awareness session for superintendents will be conducted and followup workshops will be held for at least two school districts wishing to implement the model. At least one of these districts will include an Area Vocational Center.

VTP 2222

Title: Day Care Model.

Principal Investigator: John Crompton

Recipient Institution: Durham Technical Institute, Post Office Box 11307, Durham, North Carolina 27703

Start - End Dates: 1975-76.

Annual Funding: \$11,651.00

Supporting Agency: North Carolina State Board of Education, Raleigh, North Carolina 27602

Contract and/or Control No.: No data

Summary of Project: Mental Health professionals have suggested the need for day care centers that are therapeutically correct in their operations, administering to the emotional/mental health aspects of child care as well



as to the physical aspects. This project will: (1) develop a model of therapeutically correct day care facility, (2) develop a curriculum to prepare day care professionals to provide therapeutically correct day care service, (3) provide two workshops to prepare faculties of community colleges across North Carolina to present this curriculum in their own locations.

VTP 2223

Title: Exemplary Project.

Principal Investigator: E.B. Bright

Recipient Institution: Pitt Technical Institute, P.O. Drawer 7007, Greenville, North Carolina 27834

Start - End Dates: 1975 to 1976

Annual Funding: \$9,000.00

Supporting Agency: North Carolina State Board of Education, Raleigh, North Carolina 27602

Contract and/or Control No.: No data

Summary of Project: A problem that exists in some curriculum areas is whether the subject matter and skills taught in the courses correspond with what the employer expects of an entry-level employee. The purpose of this project will be to develop two models: (1) a model for collecting data through task analysis to establish terminal performance criteria, and (2) a model to categorize the data into curriculum outlines. Specific standards can then be developed to meet business standards as nearly as possible in classroom and laboratory situations. The following procedures will be used: (1) local businesses will be contacted to ascertain if they are willing to participate; (2) an instrument will be devised to collect information regarding task frequency, necessary materials and tools, steps used in task performance, and criteria for successful task completion; (3) an instrument will be devised to classify and categorize the information obtained from the task analysis that will include a performance objective for each task, the content to be covered, activity experiences in teaching the task, and criterion-referenced evaluation procedures that will match the criteria used in business; (4) information will be collected by a qualified research worker who will interview both supervisors and workers holding entry-level positions; (5) the information collected will be transferred to the form that will be used for the development of curriculum guides and course outlines; and (6) workshops, seminars, and conferences, focusing on the development of skills needed to write performance objectives and criterion-referenced test items, will be conducted as inservice training.

VTP 2224

Title: Exemplary Project.

Principal Investigator: Jim Foster

Recipient Institution: Central Carolina Technical Institute, 1105 Kelly Drive, Sanford, North Carolina 27330

Start - End Dates: 1975 to 1976

Annual Funding: \$14,512.40

Supporting Agency: North Carolina State Board of Education, Raleigh, North Carolina 27602

Contract and/or Control No.: No data

Summary of Project: The goal of Central Carolina Technical Institute is to develop teaching practices which will be effective for nontraditional learners. To meet the needs of these students, the focus of this project will be to develop nonverbal or low-verbal techniques. Implementation of this goal will be achieved through a media facilitator. This position will be filled by a person skilled in teaching methods, learning theories, and the role of media in instruction. The facilitator's responsibilities will include: (1) training faculty in the use of nonprint media, (2) assisting in selection and deletion of appropriate nonprint media, and (3) assisting in the revision of media based on student performance.

VTP 2225

Title: Exemplary Project.

Principal Investigator: Norman Gilbert

Recipient Institution: Southwestern Technical Institute, P.O. Box 95, Sylva, North Carolina 28779

Start - End Dates: 1975-76

Annual Funding: \$5,653.00

Supporting Agency: North Carolina State Board of Education, Raleigh, North Carolina 27602

Contract and/or Control No.: No data

Summary of Project: This project will assemble material and data to develop a minicurriculum which should enable makers and handlers of cottage crafts to set up and manage their own business. The process would involve: (1) contacting and interviewing successful and unsuccessful owners and managers of craft shops to compile a list of "do's" and "don'ts" for starting and maintaining a small crafts business; (2) preparing a list of all outlets and buyers for all types of crafts complete with addresses and telephone numbers; (3) preparing a resource list of supplies and materials for craftsmen; (4) develop a basic, simplified system of bookkeeping designed particularly for undereducated adults who sell crafts or run a crafts business; (5) interviewing craftsmen who currently belong to co-ops or sell to shops for information concerning how they got started, helpful hints, and similar information; and (6) developing curriculums or outlines for courses.

VTP 2226

Title: Exemplary Project.

Principal Investigator: Marilyn H. Stowers

Recipient Institution: Forsyth Technical Institute, 2100 Silas Creek Parkway, Winston-Salem, North Carolina 27103

Start - End Dates: 1975 to 1976

Annual Funding: \$5,000.00

Supporting Agency: North Carolina State Board of Education, Raleigh, North Carolina 27602

Contract and/or Control No.: No data

Summary of Project: This project is designed to show that adults with average or above average intelligence, but whose reading, writing, and/or spelling level is below the ninth grade level, will be raised a statistically

significant amount as measured by a battery of standardized tests utilizing specific counseling, diagnostic prescriptive teaching methods and multi-sensory techniques. Students will be placed into three groups: (1) average or above average IQ with academic deficiencies due to economic or environmental conditions; (2) average or above average IQ with specific learning disabilities in the areas of reading, writing, and/or spelling; and (3) low IQ, performing at measured level of intelligence. All students will be placed in a Sociology 010 study skills course which will concentrate on self-assessment and self-evaluation in the academics, vocational, and psychological areas. All three groups will receive traditional pre-technical opportunities for remediation in specific areas of weakness and pretesting. Students utilizing tutorial services will be posttested and the significance of change will be determined. Students not utilizing tutorial services will be posttested and the results compared with those of other students to determine the effect of self-assessment.

VTP 2227

Title: Exemplary Project.

Principal Investigator: C.E. Waller

Recipient Institution: Wayne Community College, P.O. Drawer 1878, Goldsboro, North Carolina 27530

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$9,925.00

Supporting Agency: North Carolina State Board of Education, Raleigh, North Carolina 27602

Contract and/or Control No.: No data

Summary of Project: Wayne Community College will expand the existing on-campus services of peer counselors to include additional community agencies. Peer counselors will continue their present schedules of working in the Wayne County Boys' Club, Goldsboro Youth Center, Goldsboro City Schools, and will initiate services in county high schools and other community agencies and civic organizations as the need arises. Peer counselors will serve as a liaison between student and faculty/administration and respond to students need for a sense of belonging to and being part of the community college. Peer counselors will be initiating a "Helpline" which will provide additional information and referral services to students and members of the surrounding community. These proposed activities will be conducted at the peer counselors trailer on campus. Peer counselors will be selected on a basis of their desire and ability to help others around them who are in need of supportive services. A training model will be developed that can be used by counselors in working with community agencies. Records will be kept on the number of people contacted, types of information requested, problems encountered, and referrals made by peer counselors. A separate set of records will be kept on the number of people utilizing the "Helpline". A follow-up will be made to determine the success an individual has encountered due to the contact of the counselors.

VTP 2228

Title: Handicapped Training.

Principal Investigator: S. Hartley Johnston

Recipient Institution: Anson Technical Institute, P.O. Box 68, Ansonville, North Carolina 28007

Start - End Dates: 1976-1976

Annual Funding: \$1,638.80

Supporting Agency: North Carolina State Board of Education, Raleigh, North Carolina 27602

Contract and/or Control No.: No data

Summary of Project: Project will identify, recruit and instruct parents of handicapped persons in the means available to fully develop the potential of their handicapped children. Program evaluation will be based on followup of activities of handicapped persons whose parents attend the project. If successful, greater advantages of sheltered workshop experience, basic education class participation and enrollment in vocational classes will be evident.

VTP 2229

Title: Reading Teaching Technicians: An Interagency Proposal for Dealing with Reading Instruction in the Public Schools.

Principal Investigator: Patrick M. Mattern

Recipient Institution: School of Education, University of North Carolina at Greensboro, Greensboro, North Carolina 27412

Start - End Dates: August 1, 1975 to July 31, 1977

Annual Funding: \$20,670.00

Supporting Agency: North Carolina State Board of Education, Raleigh, North Carolina 27611

Contract and/or Control No.: No data

Summary of Project: This project will establish a cooperative program involving two-year institutions (TYI), local education agencies (LEA), and the University to deal with the problem of poor readers and the need for specialized reading instruction within North Carolina. The objectives are to: (1) train diploma students at a TYI in reading instruction; (2) elevate the reading skills of children served by LEA's; and (3) train doctoral level University students to deal with the instructional programs of the TYI and LEA and the reading problems facing public school administrators. The TYI will assume responsibility for development of a diploma program for the Reading Teaching Technicians. LEA will supply students, observation classrooms, reading "laboratories," and hardware required to deal with children in need. The University will supply graduate students who are experienced and prepared to deal with public school reading problems.

VTP 2230

Title: Agri-Business Careers (ABC Project in Career Education).

Principal Investigator: Jack Gableman

Recipient Institution: Grand Forks Public Schools, Grand Forks, North Dakota 58201

Start - End Dates: August 1975 to June 1976

Annual Funding: \$8,895.00

Supporting Agency: North Dakota State Board for Vocational Education, Bismarck, North Dakota 58501

Contract and/or Control No.: No data

Summary of Project: This project is designed to provide K-12 students with an awareness of the agricultural industry and employment opportunities of the Grand

Forks area. Study materials and career awareness classes, including audiovisual displays, will be developed for integration within the curriculum. Field trips also will be prepared, offering students the opportunity to view persons in various agri-business jobs and to interview them. Resource persons from the North Dakota State Mill and Elevator, Red River Valley Potato Growers' Association, County Agents Office, Greenburg Farms, Mach Farms, Hagen Farms, and North Dakota Rural Electric have expressed interest and are willing to cooperate.

VTP 2231

Title: Catalyst for Career Choice.

Principal Investigator: Judith Leppert

Recipient Institution: Madison High School, Portland Public Schools, Portland, Oregon 97220.

Start - End Dates: September 1, 1975 to June 30, 1976

Annual Funding: \$12,000.00

Supporting Agency: Oregon State Board of Education, Salem, Oregon 97310

Contract and/or Control No.: No data

Summary of Project: The design of this project provides for a half-time person to serve as a catalyst to generate four main thrusts of career education awareness. Objectives will include: (1) assisting the career coordinator in supervising freshmen and sophomore exploratory and guidance programs; (2) developing an awareness program for junior and senior students who have not reached the decisionmaking level of career choice; (3) involving the staff in the needs of students in the area of career education; and (4) developing a planned sequence of community-based experiences for students which will develop awareness, exploration, and commitment to long-range goal-oriented career planning. Procedures to be utilized will include: (1) coordinate existing activities into more effective learning processes for students; (2) design advanced programs for junior and senior students to be as comprehensive as those for freshmen and sophomores, utilizing community-based activities and hands-on experiences; and (3) design a workshop inservice class for curriculum development in career education in which teachers will have alternatives to meet their individual needs.

VTP 2232

Title: A Career Approach to Natural Resource Management in Wildlife and Recreation.

Principal Investigator: Rodney P. Mack

Recipient Institution: Conrad Weiser High School, R.D. #1, Robeson, Pennsylvania 19551

Start - End Dates: July 1, 1974 to June 30, 1976

Annual Funding: \$14,393.26

Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126.

Contract and/or Control No.: No data

Summary of Project: This is a two-year Natural Resource Project to train workers in wildlife and recreation management. Strong emphasis is placed on field study or "hands-on" experience. This project includes a built-in program of job placement and supervised work experience.



VTP 2233

Title: Pre- and Post-Vocational Evaluation Program.Principal Investigator: Kenneth W. MillsRecipient Institution: Grove City Area School District, Grove City, Pennsylvania 16127Start - End Dates: July 1, 1975 to June 30, 1976Annual Funding: \$19,564.80Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126Contract and/or Control No.: No data

Summary of Project: This project is designed to provide a career resource center for approximately 250 court adjudicated delinquent boys. Objectives will include: (1) collections, evaluation, and dissemination of relevant career information; (2) providing client assistance in the location, evaluation, and use of career information; (3) integration of self-knowledge and career information through counseling; (4) assisting faculty with the integration of career information into instructional activities; and (5) utilization of community, state, and federal resources in fostering the education-work relationship. Procedures will include: development of curriculum, staff recruitment, dissemination activities, and development of evaluation procedures.

VTP 2234

Title: Building Bridges to Future Goals.Principal Investigator: Ann LaFranceRecipient Institution: Lincoln Middle School, River Road, Lincoln, Rhode Island 02865Start - End Dates: September 1975 to June 1976Annual Funding: \$6,158.00Supporting Agency: Rhode Island State Department of Education, Providence, Rhode Island 02908Contract and/or Control No.: No data

Summary of Project: This project is designed to implement existing vocational awareness programs at the Lincoln Middle School. Subject areas are (1) home economics, and related occupations in hotels, restaurants, hospitals, nursing homes and elderly lunch programs, journalism, and fashions; and (2) industrial arts, including methods of production, safety, division of labor, and maintenance of tools. Procedures will include student participation in classroom activities with emphasis on "hands on" experience, independent data collection regarding job opportunities, student use of computer resource facilities, and dissemination of information through a student career education newsletter.

VTP 2235

Title: Career Education - Portsmouth.Principal Investigator: Michael MelloRecipient Institution: Portsmouth School Department, Education Lane, Portsmouth, Rhode Island 02871Start - End Dates: September 1975 to June 1976Annual Funding: \$1,294.00

Supporting Agency: Rhode Island State Department of Education, Providence, Rhode Island 02908

Contract and/or Control No.: No data

Summary of Project: The five phases of this project are designed to facilitate the career information needs of students and re-structure the educational goals of Portsmouth High School. Phase I, upon which 1975-76 funding is based, will provide ninth grade students with instruction in the U.S. Office of Education's 15 career clusters and develop a Career Resources Center for use throughout all phases. Procedures will include: (1) collection of audiovisual material covering career clusters and specific occupations for individual and group use, (2) student discussion and evaluation of clusters and career goals, (3) individual and group guidance sessions, and (4) aptitude and interest testing. Contingent upon available funds, Phases II through IV will provide grade 10 through 12 students, respectively, with knowledge of job entry skills, work experience, and job or postsecondary school placement. Phase V and project completion, scheduled for 1980, will consist of a followup graduate survey to evaluate the total program.

VTP 2236

Title: Northwest Area Schools Multi-District Secondary Occupational Vocational Education Training Program.

Principal Investigator: James L. Doolittle

Recipient Institutions: Bison Independent School District 87, Bison, South Dakota 57620; Harding County Independent District 4, Buffalo, South Dakota 57720; Isabel Independent District 1, Isabel, South Dakota 57633; McIntosh Independent District 1, McIntosh, South Dakota 57641; McLaughlin Independent District 21, McLaughlin, South Dakota 57642; Lemmon Independent District 88, Lemmon, South Dakota 57638; Timber Lake Independent District 2, Timber Lake, South Dakota 56756; West River Independent District 18, Dupree, South Dakota 57623

Start - End Dates: No data

Annual Funding: \$109,611.00

Supporting Agency: South Dakota State Board of Vocational Education, Pierre, South Dakota 57501

Contract and/or Control No.: No data

Summary of Project: The purpose of this project is to develop a relocatable secondary occupational vocational education system for the counties of Harding, Perkins, Corson; Dewey, Ziebach, and parts of Meade. This system will contain the necessary classroom facilities, specialized equipment, curriculum guides, and operational staff training for instructors to conduct the programs. It is intended to serve as a pattern for other communities in broadening the scope of secondary education programs in South Dakota and to provide students with the background for entering advanced vocational-technical programs in carpentry, masonry, plumbing and electrical work, machine tool operation, and machine repair.

VTP 2237

Title: The Impact of Numerical Control Technology and Computer-Aided Manufacturing on Curriculum Development in Industrial Education and Technology.

Principal Investigators: James L. Boone, Jr., and Klaus D. Bauch

Recipient Institution: Texas A&M University, College Station, Texas 77843

Start - End Dates: September 16, 1975 to June 30, 1976

Annual Funding: \$26,684.00

Supporting Agency: Texas Education Agency, Austin, Texas 78711

Contract and/or Control No.: No data

Summary of Project: With the increasing application of Numerical Control Technology (NC) and Computer-Aided Manufacturing (CAM) certain distinct trends in industry are becoming evident which challenge vocational-technical education to reorient students to these emerging technologies. This study will focus on the changing needs and requirements of industry and the individuals preparing for employment in NC/CAM related fields. The objectives of this study will be to: (1) determine the opinion of industrial representatives with regard to concepts and tasks required of personnel working in the field of Numerical Control and Computer-Aided Manufacturing; (2) identify the attitudes of educators teaching NC/CAM concerning the type of curriculum, instructional methodology, and student competencies required in this area; (3) compare and evaluate industry's and education's perceptions of essential tasks and competencies; and (4) develop a conceptual curriculum model which will serve as a basis for the selection of appropriate instructional material. Two main phases of research will accomplish the stated objectives through a nationwide survey. Phase I will: (1) identify postsecondary educational institutions and an adequate representative sample of NC-users in U.S. industry; (2) conduct preliminary survey to establish realistic data base for the development of comprehensive survey instruments; and (3) conduct main survey and compile all data. Phase II will: (1) select computerized statistical techniques for extensive data analysis and interpretation; (2) identify specific tasks and competencies through comparative analysis of industry and education responses; and (3) develop an integrated conceptual model of educational programs in NC/CAM structured into sequential courses for the vocational-technical student.

VTP 2238

Title: Career Education.

Principal Investigator: Walter O. Faulkner

Recipient Institution: Orleans Central Supervisory Union

Start - End Dates: July 1975 to June 1976

Annual Funding: \$15,000.00

Supporting Agency: Vermont State Department of Education, Montpelier, Vermont 05602

Contract and/or Control No.: D-75-2

Summary of Project: The objectives of this project are to: (1) establish a data base for career education composed of students, teachers, and community members; (2) write a state plan for career education; (3) continue effort and dialogue among local, state, and higher education personnel in integrating career education into preservice teacher education; (4) encourage service clubs and industry in Vermont to actively participate in career education programs; and (5) publish six issues of Directions, the State Department of Education's career education publication, and disseminate teacher and project-produced materials throughout the state. Procedures will include: (1) development of instruments and methods for contact purposes; (2) application of data collected in formulating a state plan; (3) materials provided to business and industry by the State Department of Education; and (4) printing and distribution of materials by the State Department of Education.

VTP 2239

Title: Career Education.Principal Investigator: Janet LaddRecipient Institution: North Hero Town School District, North Hero, Vermont 05474Start - End Dates: July 1975 to June 1976.Annual Funding: \$8,000.00Supporting Agency: Vermont State Department of Education, Montpelier, Vermont 05602Contract and/or Control No.: D-75-3

Summary of Project: The goal of this project is to provide an instructional program for children of the North Hero School District that would provide students with an equal opportunity for success within future career areas and with a knowledge of various crafts useful to leisure activities. Activities will include: (1) training various craftspersons in classroom instruction procedures so that they may teach students the use of their tools; (2) develop a technology for children program, 1-5, aimed at the use of hand tools; (3) exploration of occupations, 4-6, through field trips, observations, and student presentations; (4) investigation of various occupations, 6-8, and the education, training, and procedures for acquiring these jobs; (5) development of a community education program using school facilities to provide evening instruction to community members in specific crafts; and (6) student and teacher production of multimedia materials for use within the program.

VTP 2240

Title: Career/Self Exploratory Program.Principal Investigator: Kerry KeenanRecipient Institution: St. Johnsbury School District, St. Johnsbury, Vermont 05819Start - End Dates: July 1, 1975 to June 30, 1976Annual Funding: \$1,000.00Supporting Agency: Vermont State Department of Education, Montpelier, Vermont 05602Contract and/or Control No.: D-75-7

Summary of Project: The focus of this project is to broaden the career education awareness of elementary and junior high school students and teachers, with special emphasis at the junior high level. Teacher-oriented programs will include increased knowledge of career education materials; development of a teacher newsletter; inservice programs regarding local, state, and national career education projects; and at the junior high level, interchange of ideas between schools. The student-centered program will aid students in the development of an awareness of the school/work relationship; recognition of values associated with job satisfaction; identification of learning problems; acceptance of individual differences; development of activities and hobbies as clues to job competence and interest.

VTP 2241

Title: A Chance To Choose.Principal Investigator: Hinda Birch

Recipient Institution: Windham Northeast Supervisory Union, Atkinson Street Building, Bellows Falls, Vermont 05101

Start - End Dates: July 1975 to June 1976

Annual Funding: \$12,500.00

Supporting Agency: Vermont State Department of Education, Montpelier, Vermont 05602

Contract and/or Control No.: D-75-6

Summary of Project: The overall objective of this K-8 curriculum development project will be to familiarize elementary students with individual career opportunities within the immediate area and the total career opportunities available beyond the immediate area. A focus will be on eliminating predefined job roles, and sex-role stereotyping and creation of a career to suit the individual. The curriculum will have the potential to be integrated into the student's regularly scheduled program and eventually to tie in all subject areas. Specifically, the individual's self-awareness will be assessed and improved and the results recorded through pretests and posttests. Students may determine their place in the community through an examination of community roles and field trips to job sites. Students may establish a personal pattern of responsibility through aspects of school maintenance, planning of daily activities, or conflict resolution. Volunteer programs, role playing, and field trips are planned to provide students with many opportunities to experience success and develop career awareness. Also included for grades 4-8 are expanded self-assessment projects, increased school responsibilities, and further development of self-awareness through emphasis on individual projects, planning, and creative experiences.

VTP 2242

Title: A Coordinated District-wide K-12 Career Education Activity Program.

Principal Investigator: Dale Lanphear

Recipient Institution: Chittenden Central School District, Essex Junction, Vermont 05452

Start - End Dates: July 1975 to June 1976

Annual Funding: \$14,950.00

Supporting Agency: Vermont State Department of Education, Montpelier, Vermont 05602

Contract and/or Control No.: D-74-1

Summary of Project: This project is designed to integrate a coordinated program of career education learning activities into the present district curriculum, 1-12, in order to familiarize elementary and secondary school students with the broad range of occupations for which special skills are required and the prerequisites for careers in such occupations. Objectives will be to: (1) develop a position of authority and expertise in the field of career education, (2) increase community participation in school-related career education activities, (3) encourage teacher-developed career education materials for classroom use, (4) implement and evaluate classroom materials, and (5) publish and disseminate career education activity materials. Procedures will include: (1) participation in conferences and conventions appropriate to the needs of the district, (2) secure the participation of businesses and civic groups in school-related activities, (3) summer and inservice workshops to acquaint teachers with curriculum development methods, (4) coordinator assistance in materials implementation, and (5) materials will be printed and distributed locally and statewide.



VTP 2243

Title: Five District Consortium.Principal Investigator: George StollRecipient Institution: Washington West Supervisory Union, c/o State Department of Education, Montpelier, Vermont 05602Start - End Dates: July 1, 1975 to June 30, 1976Annual Funding: \$15,000.00Supporting Agency: Vermont State Department of Education, Montpelier, Vermont 05602Contract and/or Control No.: D-74-2

Summary of Project: A job directory, listing the names and telephone numbers of personnel managers, job titles and descriptions, salaries, benefits, and required skills, has been prepared and distributed to all high school guidance centers. The objectives of this project will be to: (1) improve and increase the listings in the directory, (2) improve high school placement services, (3) emphasize the role of the counselor in pre-placement activities and curriculum development, and (4) prepare a manual on implementing a job placement project. Procedures will include: (1) continued solicitation of job listings from employers, (2) weekly feedback will be used to improve placement services, (3) counselors will be assisted with changes in curriculum and guidance methods changes, and (4) a job placement specialist will write the job placement manual.

VTP 2244

Title: KNOW: Kindling New Outlooks on Work; Creating a Rural Career Education Continuum.Principal Investigator: Mike SamsonRecipient Institution: Cabot School District, Cabot, Vermont 05647Start - End Dates: July 1975 to June 1976Annual Funding: \$9,529.24Supporting Agency: Vermont State Department of Education, Montpelier, Vermont 05602Contract and/or Control No.: D-75-4

Summary of Project: The first year of this projected four-year project will begin to implement the following objectives in the Cabot School District in Vermont: (1) provide inservice training necessary to implement a career awareness component for K-6, a career exploration component for 7-9, and a career preparation component for 10-12; (2) implement individual career choices in 10-12 as a motivation and training base; (3) provide increased community resources and involvement through use of community career advisors, employer-instructors, and community evaluators; (4) provide a range of occupational experiences to students at all levels; (5) provide counseling services to aid in placement and reduce drop out rates; and (6) develop a high school work study program. This project is intended to be a model for other rural school systems and will include the development of materials for inservice training, evaluation videotapes of inservice sessions and classroom use of lesson plans, progress checklists for grades 10-12, bibliography of supplies and counseling materials, and evaluation videotapes from counseling sessions and work study programs.

VTP 2245

Title: Orange East Natural Resource/Career Education Project.

Principal Investigator: Frank Gonzalez  
Recipient Institution: Orange East Supervisory Union, Bradford, Vermont 05033  
Start - End Dates: July 1975 to June 1976  
Annual Funding: \$12,000.00  
Supporting Agency: Vermont State Department of Education, Montpelier, Vermont 05602  
Contract and/or Control No.: D-75-5

Summary of Project: Utilizing the services of a coordinator, four craftspersons, and the career education orientation of teachers, this project is designed to provide K-12 students with hands-on experiences in working with craftspersons. Students' self-knowledge, career clusters awareness, and interest levels will be measured through pretests, posttests, and questionnaires. Workshops will be held to acquaint students and teachers with the uses of clay, wood, wool, and stone both in crafts and as related to possible careers. The crafts will be integrated into existing subject areas and student products will be entered in shows and crafts festivals. The activities of this program are projected through the 1977-78 school year.

VTP 2246

Title: Wilmington Vocational Exemplary Project.

Principal Investigator: Casey Murrow  
Recipient Institution: Deerfield Valley Elementary, Wilmington, Vermont 05363  
Start - End Dates: July 1, 1975 to June 30, 1976  
Annual Funding: \$10,980.00  
Supporting Agency: Vermont State Department of Education, Montpelier, Vermont 05602  
Contract and/or Control No.: D-73-6

Summary of Project: This project will continue established efforts to expose students of the Deerfield Valley Elementary School to occupations in the local environment with which they are familiar. Activities will include: (1) the study of occupational clusters, (2) small group field trips, (3) recordkeeping and sharing of information gathered by students on field trips, (4) sharing of information and heightened motivation through the use of photography on field trips, (5) extended study visits and pupil-to-pupil exchanges, and (6) contracts with local resource people to expand the student's knowledge of business and industry.

VTP 2247

Title: Columbia Basin Jobs Project.

Principal Investigator: Robert L. Mason  
Recipient Institution: Big Bend Community College, Moses Lake, Washington 98837  
Start - End Dates: September 1, 1975 to June 15, 1976  
Annual Funding: \$1,000.00  
Supporting Agency: Research Coordinating Unit, Coordinating Council for Occupational Education, Building 17 - Airdustrial Park, Olympia, Washington 98504  
Contract and/or Control No.: No data

Summary of Project: This project is designed to move developmentally disabled young adults out of sheltered workshops into competitive employment. Employers

have agreed to employ graduates, and the International Brotherhood of Teamsters will enroll the graduates as union members according to the terms of the contract they hold with employers. The purpose of this project is to write the curriculum element that will provide trainees with the interpersonal and relation-to-authority behavioral repertoires that will enable them to succeed on the job. The curriculum to be developed can be identified by the following components: (1) driver's education, (2) specialized skills training for entry-level vacancies allocated to the program by the food processing industry in Grant County, (3) general marketable skills which have application to industrial needs, and (4) living/social skills and coping mechanisms necessary for the clients' successful integration into the community and adjustment to the work environment. Evaluation of the curriculum will be the proportion of clients trained and placed who do not leave for chargeable reasons, and those who are having problems will be studied to determine the reason for their problems or failures.

VTP 2248

Title: Cooperative Guide.

Principal Investigators: Joseph G. Cvancara and John Keith

Recipient Institution: Washington State University, Pullman, Washington 99163

Start - End Dates: June 25, 1975 to December 1975

Annual Funding: \$2,800.00

Supporting Agency: Research Coordinating Unit, Coordinating Council for Occupational Education, Building 17 - Airdustrial Park, Olympia, Washington 98504

Contract and/or Control No.: No data

Summary of Project: The emphasis in developing this Vocational Interdistrict Cooperative Guide for the State of Washington will be on the firsthand collection of data from cooperating districts. Four basic areas have been identified and will provide the initial data and subsequent chapters of the guide: (1) present organization of cooperatives and alternative methods, (2) implementation procedures, (3) model of financial arrangements and commitments, and (4) an operational model. A survey instrument will be developed to gather data from districts presently operating cooperatives. Questions will be related to the four areas listed above, and the data will be collated as the basic form of the guide.

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